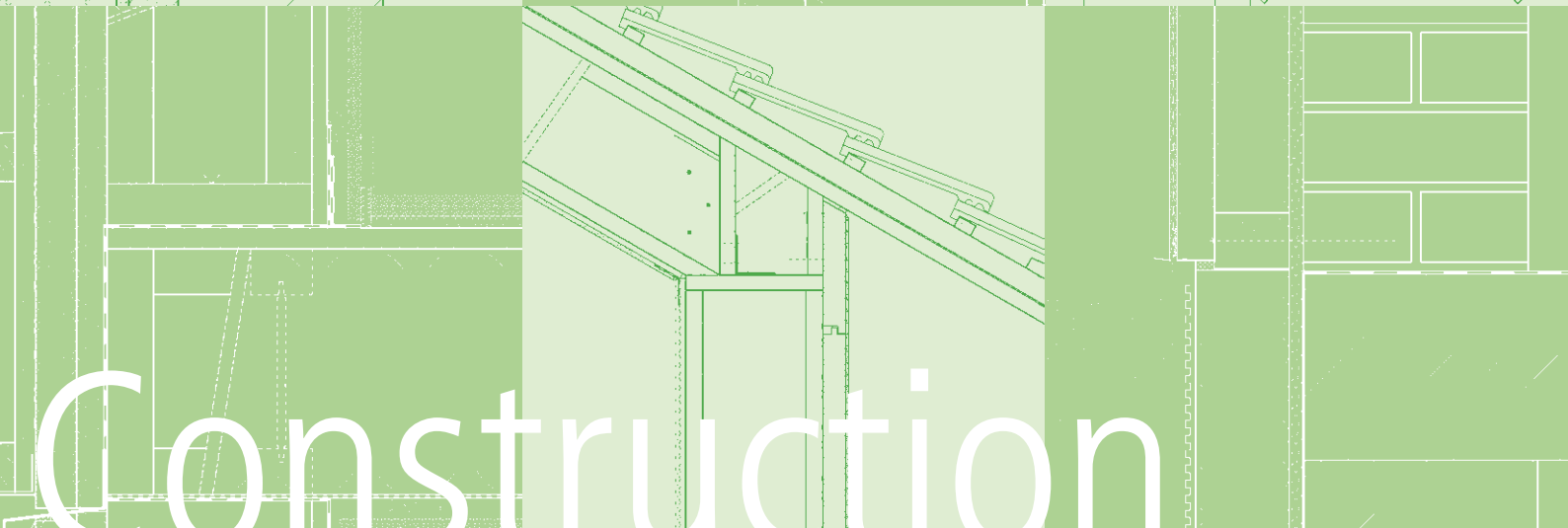
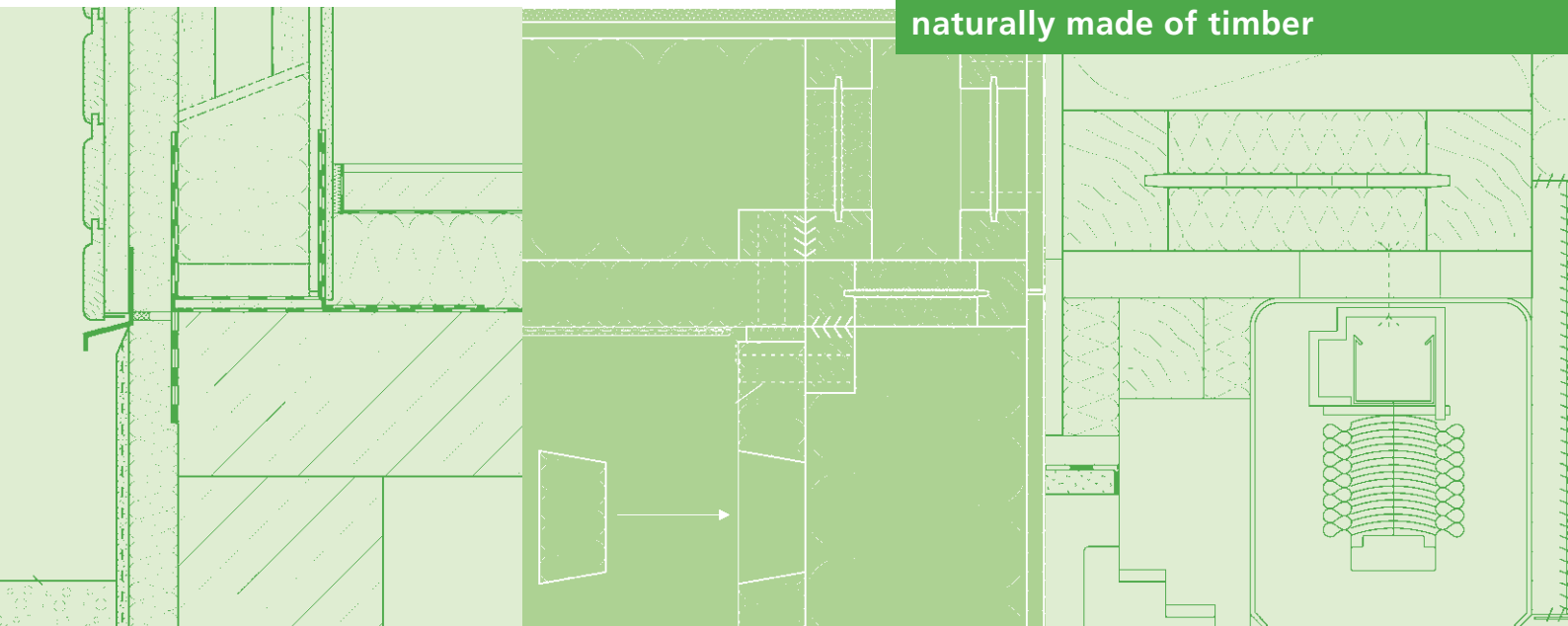


STEICO Detail catalog

Construction elements –
naturally made of timber



Construction

CONTENS

ETICS timber construction
Timber frame construction
CLT wall

ETICS masonry wall
Masonry wall with timber
Masonry wall glued and plugged

Pitched roof
Between rafter insulation
Above rafter insulation

Over **100 construction details**
with the STEICO building system




STEICO
engineered by nature

STEICO Detail catalog - Contents

Basic structure

1. Level

Element	
AW	External wall
DA	Roof
DE	Ceiling

2. Level

Typ	
WDVS	ETICS
VHF	External cladding system
SD	Pitched roof
FD	Flat roof
HB	Timber beam
MH	Solid wood
BE	Concrete

3. Level

Construction	
HRB	Timber frame construction
MH	CLT wall
MWHU	Masonry wall with timber
MWG	Masonry wall glued and plugged
MW	Masonry wall
ZSD	Between rafter insulation
ADD	Above rafter insulation
nsi	Invisible
si	Visible
Be	Concrete

STEICO Detail catalog - Contents

4. Level

Area	
1	DPC
2	External wall / System transitions
3	Window / Door
4	Rollo
5	Raffstore & window blind
6	Roof / System transitions
7	Ceiling / System transitions
1	Ridge
2	Eaves
3	Verge
4	Rooflight
5	Element joint
6	Collar tie connection
7	Connections

STEICO Detail catalog - Contents

External wall (AW)

ETICS (WDVS)

Timber frame construction (HRB)

DPC

AW-WDVS-HRB-1-10	DPC - Level threshold - Continuous render layer, Variation for pre-assemble elements	Page 12
AW-WDVS-HRB-1-20	DPC - Elevated threshold - Splashback free	Page 13
AW-WDVS-HRB-1-30	DPC - Level threshold, reduced splashback zone	Page 14
AW-WDVS-HRB-1-40	DPC - Level threshold, grating (terrace)	Page 15
AW-WDVS-HRB-1-50	DPC - Basement ceiling in timber construction	Page 16
AW-WDVS-HRB-1-60	DPC - Wood fibre in splash zone (tanking slurry)	Page 17
AW-WDVS-HRB-1-70	DPC - lower edge threshold min. 15 cm over terrain top edge (gravel bed)	Page 18
AW-WDVS-HRB-1-80	DPC - Solid wood wall min. 15 cm over terrain top edge (min. 2% fall)	Page 19

External wall / System transitions

AW-WDVS-HRB-2-10	External wall - Transitions - Outside corner with STEICO LVL R edge beam	Page 20
AW-WDVS-HRB-2-20	External wall - Transitions - Outside corner STEICOWall edge beam	Page 21
AW-WDVS-HRB-2-30	External wall - Transitions - Inside corner with STEICO LVL R edge beam	Page 22
AW-WDVS-HRB-2-40	External wall - Transitions - Inside corner with STEICOWall edge beam	Page 23
AW-WDVS-HRB-2-50	External wall - Transitions - Internal wall connection	Page 24
AW-WDVS-HRB-2-60	External wall - Transitions - Building party wall flash over zone	Page 25
AW-WDVS-HRB-2-90	External wall - Transitions - Element joint vertical	Page 26
AW-WDVS-HRB-2-100	External wall - Transitions - Expansion joint	Page 27
AW-WDVS-HRB-2-110	External wall - Transitions - Balcony, integrated balcony in ETICS	Page 28

Window / Door

AW-WDVS-HRB-3-10	Window - Side connection with reveal board, horizontal section	Page 29
AW-WDVS-HRB-3-20	Window - Upper connection with reveal board, vertical section	Page 30
AW-WDVS-HRB-3-30	Window - Bottom connection with reveal board, vertical section	Page 31
AW-WDVS-HRB-3-40	Doors - Vertical section with reveal board - Level threshold	Page 32

STEICO Detail catalog - Contents

Roller blind

AW-WDVS-HRB-4-10	Roller blind - Window - Horizontal section with reveal board	Page 33
AW-WDVS-HRB-4-20	Roller blind - Window - Upper connection, vertical section	Page 34
AW-WDVS-HRB-4-30	Roller blind - Doors - Vertical section with reveal board - Level threshold	Page 35

Raffstore & window blind

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AW-WDVS-HRB-5-10	Raffstore - Window - Horizontal section with reveal board	
AW-WDVS-HRB-5-20	Raffstore - Window - Upper connection with reveal board, vertical section	Page 37
AW-WDVS-HRB-5-30	Raffstore - Doors - Vertical section with reveal board - Level threshold (balcony)	Page 38

Roof / System transitions

AW-WDVS-HRB-6-10	Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)	Page 39
AW-WDVS-HRB-6-20	Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels	Page 40
AW-WDVS-HRB-6-30	Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter	Page 41
AW-WDVS-HRB-6-40	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 42
AW-WDVS-HRB-6-50	Roof - Transitions - Eaves, with end timber (element assembly)	Page 43
AW-WDVS-HRB-6-60	Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)	Page 44
AW-WDVS-HRB-6-70	Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation	Page 45
AW-WDVS-HRB-6-80	Roof - Transitions - Verge, with end timber (element assembly)	Page 46
AW-WDVS-HRB-6-90	Roof - Transitions - Gable cheek, continuous wall	Page 47
AW-WDVS-HRB-6-100	Roof - Transitions - Connection to single pitch roof without rear ventilation	Page 48

Ceiling / System transitions

AW-WDVS-HRB-7-10	Ceiling - Transitions - Continuous render layer - Fiber belt	Page 49
AW-WDVS-HRB-7-20	Ceiling - Transitions - Transition to rear ventilated facade	Page 50

STEICO Detail catalog - Contents

External wall (AW)

ETICS (WDVS)

CLT wall (MH)

DPC

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AW-WDVS-MH-1-20	DPC - CLT wall min. 15 cm over terrain top edge (min. 2% fall)	Page 53
AW-WDVS-MH-1-30	DPC - Un-heated basement - Ground level below top edge of concrete ceiling	Page 54

Window / Door

AW-WDVS-MH-3-10	Window - Side connection with reveal board, horizontal section	Page 55
AW-WDVS-MH-3-20	Window - Upper connection with reveal board, vertical section	Page 56
AW-WDVS-MH-3-30	Window - Bottom connection with reveal board, vertical section	Page 57

Roof / System transitions

AW-WDVS-MH-6-10	Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels	Page 58
AW-WDVS-MH-6-20	Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter	Page 59
AW-WDVS-MH-6-30	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 60
AW-WDVS-MH-6-40	Roof - Transitions - Eaves, CLT element, ETICS on blocking panels	Page 61
AW-WDVS-MH-6-50	Roof - Transitions - Verge, visible projecting roof rafter	Page 62

STEICO Detail catalog - Contents

External wall (AW)

ETICS (WDVS)

Masonry wall with timber (MWHU)

DPC

AW-WDVS-MWHU-1-10	DPC - Level threshold, continuous render layer	Page 64
AW-WDVS-MWHU-1-20	DPC - Elevated threshold (splashback free)	Page 65
AW-WDVS-MWHU-1-30	DPC - Level threshold, grating (terrace)	Page 66
AW-WDVS-MWHU-1-40	DPC - Lower edge threshold min. 15 cm over terrain top edge (gravel bed)	Page 67

External wall / System transitions

AW-WDVS-MWHU-2-10	External wall - Transitions - Outside corner with STEICOWall edge beam	Page 68
AW-WDVS-MWHU-2-20	External wall - Transitions - Inside corner with STEICOWall edge beam	Page 69
AW-WDVS-MWHU-2-30	External wall - Transitions - Expansion joint	Page 70

Window / Door

AW-WDVS-MWHU-3-10	Window - Side connection with reveal board, horizontal section	Page 71
AW-WDVS-MWHU-3-20	Window - Bottom connection with reveal board, vertical section	Page 72

Raffstore & window blind

AW-WDVS-MWHU-5-10	Raffstore - Window - Upper connection with reveal board, vertical section	Page 73
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Roof / System transitions

AW-WDVS-MWHU-6-10	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 74
AW-WDVS-MWHU-6-20	Roof - Transitions - Verge, visible projecting roof rafter	Page 75

Ceiling / System transitions

AW-WDVS-MWHU-7-10	Ceiling - Transitions - I-Joist joint horizontal	Seite 76
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STEICO Detail catalog - Contents

External wall (AW)

ETICS (WDVS)

Masonry wall glued and plugged (MWG)

DPC

AW-WDVS-MWG-1-10	DPC - New build - Heated basement - Ground level below top edge of concrete ceiling	Page 78
AW-WDVS-MWG-1-20	DPC - New build - Heated basement - Ground level on top edge of concrete ceiling	Page 79
AW-WDVS-MWG-1-30	DPC - Existing - Un-heated basement - Ground level below top edge of concrete ceiling	Page 80

Window / Door

AW-WDVS-MWG-3-10	Window - New build - Side connection with reveal board, horizontal section	Page 81
AW-WDVS-MWG-3-20	Window - New build - Upper connection with reveal board, vertical section	Page 82
AW-WDVS-MWG-3-30	Window - New building - Bottom connection with reveal board, vertical section	Page 83

STEICO Detail catalog - Contents

Roof (DA)

Pitched roof (SD)

Between rafter insulation (ZSD)

First

DA-SD-ZSD-1-10	Ridge - Sloped purlin - Element assembly with fixing point	Page 85
DA-SD-ZSD-1-20	Ridge - Rectangular purlin - Element assembly	Page 86
DA-SD-ZSD-1-30	Ridge - Side connection with metal sheet	Page 87

Eaves

AW-WDVS-HRB-6-10	Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)	Page 88
AW-WDVS-HRB-6-30	Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter	Page 89
AW-WDVS-HRB-6-40	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 90
AW-WDVS-HRB-6-50	Roof - Transitions - Eaves, with end timber (element assembly)	Page 91
AW-WDVS-MH-6-20	Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter	Page 92
AW-WDVS-MH-6-30	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 93
AW-WDVS-MWHU-6-10	Roof - Transitions - Eaves, solid wood rafter with blocking panels	Page 94

Verge

AW-WDVS-HRB-6-60	Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)	Page 95
AW-WDVS-HRB-6-80	Roof - Transitions - Verge, with end timber (element assembly)	Page 96
AW-WDVS-MH-6-50	Roof - Transitions - Verge, visible projecting roof rafter	Page 97
AW-WDVS-MWHU-6-20	Roof - Transitions - Verge, visible projecting roof rafter	Page 98

DFF

DA-SD-ZSD-4-10	Rooflight - Trimmer connection with metalwork	Page 99
DA-SD-ZSD-4-20	Rooflight - Trimmer connection without metalwork	Page 100

Element joint

DA-SD-ZSD-5-10	Element joint - Roof element joint	Page 101
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Kehlbalkenanschluss

DA-SD-ZSD-6-10	Collar tie connection	Page 102
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Connections

AW-WDVS-HRB-6-90	Roof - Transitions - Gable cheek, continuous wall	Page 103
AW-WDVS-HRB-6-100	Roof - Transitions - Connection to single pitch roof without rear ventilation	Page 104

STEICO Detail catalog - Contents

Roof (DA)

Pitched roof (SD)

Above rafter insulation (AD)

First

DA-SD-ADD-1-10 Ridge - Purlin roof truss Page 106

Eaves

AW-WDVS-MH-6-10 Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels Page 107

AW-WDVS-MH-6-40 Roof - Transitions - Eaves, CLT element, ETICS on blocking panels Page 108

AW-WDVS-HRB-6-20 Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels Page 109

Verge

AW-WDVS-HRB-6-70 Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation Page 110

DFF

DA-SD-ADD-4-10 Rooflight Page 111

Connections

DA-SD-ADD-7-10 Fixed with dual threaded screws, v-screwing, above rafter insulation Page 112

DA-SD-ADD-7-20 Fixed with single thread screw, above rafter insulation Page 113

DA-SD-ADD-7-30 Rafter doubling with STEICO joist, above rafter insulation Page 114

DA-SD-ADD-7-40 Valley - Purlin roof truss Page 115

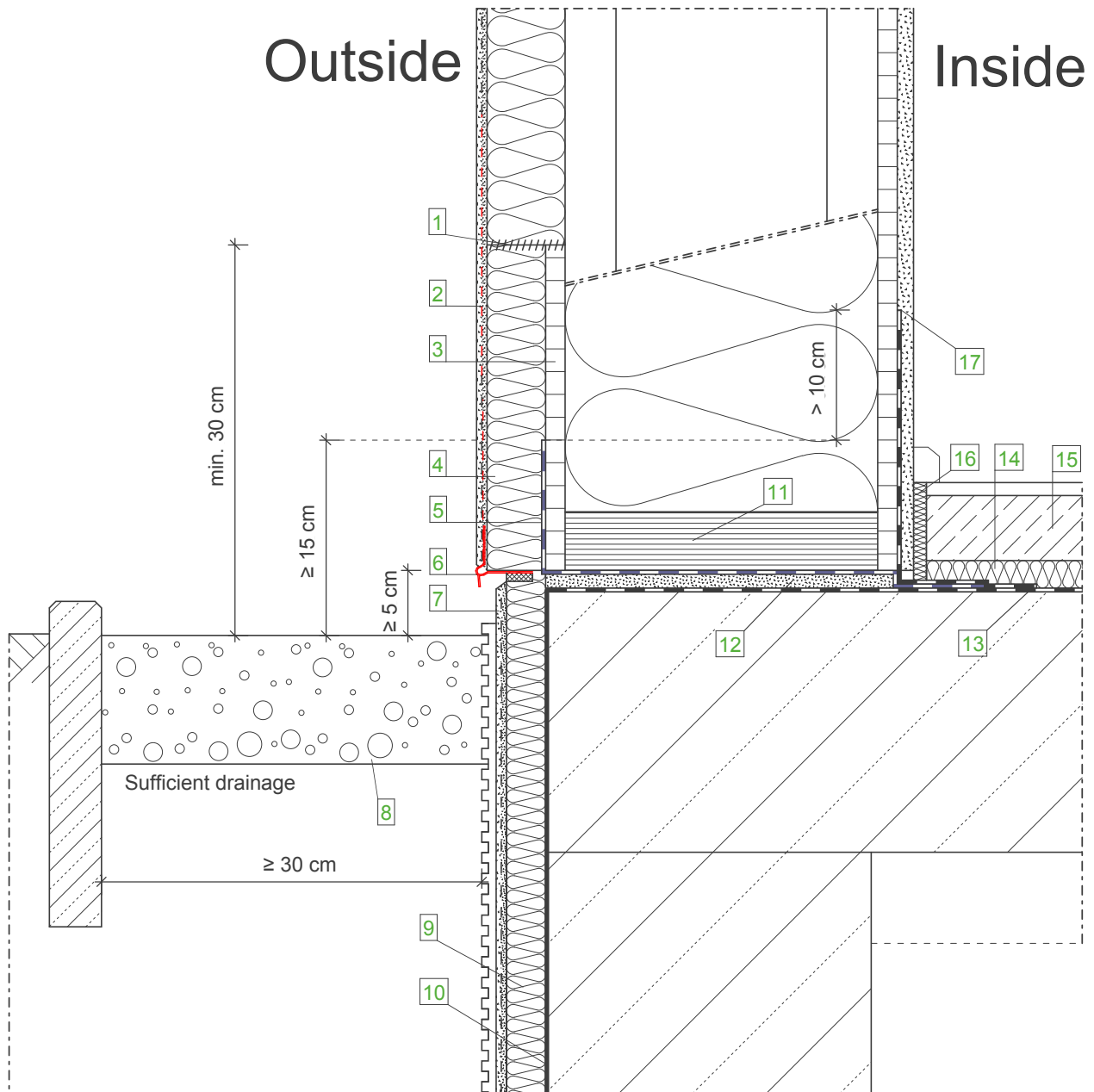
Legend of hatching Page 116

Legend of profile Page 117

External wall - ETICS - Timber frame construction

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	OSB, airtight tape	1.50
3	STEICOflex with I-Joist 60/240	24.00
4	STEICOprotect	6.00
5	Approved plaster system	0.80



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | STEICOmulti fill |
| 2 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 3 | Cement bonded board |
| 4 | EPS insulation with textured surface |
| 5 | Sealing in accordance with DIN 18195-4, taken to the inside |
| 6 | DPC edge profile |
| 7 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Swelling mortar |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Airtight tape |

Important Note:

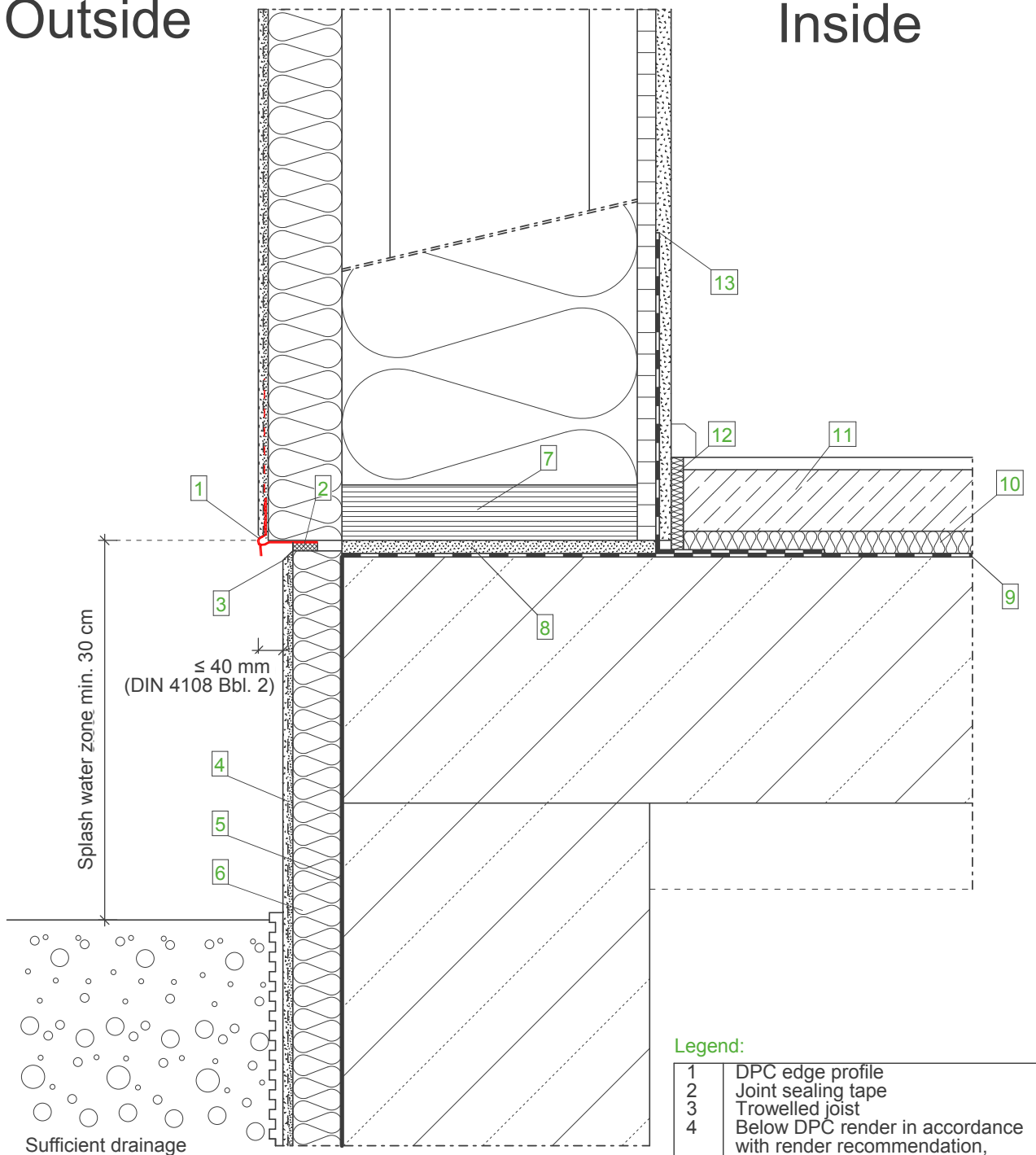
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Level threshold, continuous render layer, variation for pre-assemble elements		
Datum: 12-03-2015	Detailnummer: AW-WDVS-HRB-1-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0



Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing
5	Building weathering protection min. 15 cm above ground level
6	Perimeter insulation
7	STEICO LVL Laminated Veneer Lumber
8	Swelling mortar
9	Bituminous sheeting
10	STEICOtherm
11	Wet screed
12	STEICOsoundstrip
13	Airtight tape

Important Note:

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DPC - Elevated threshold - Splashback free

Datum: 12-03-2015

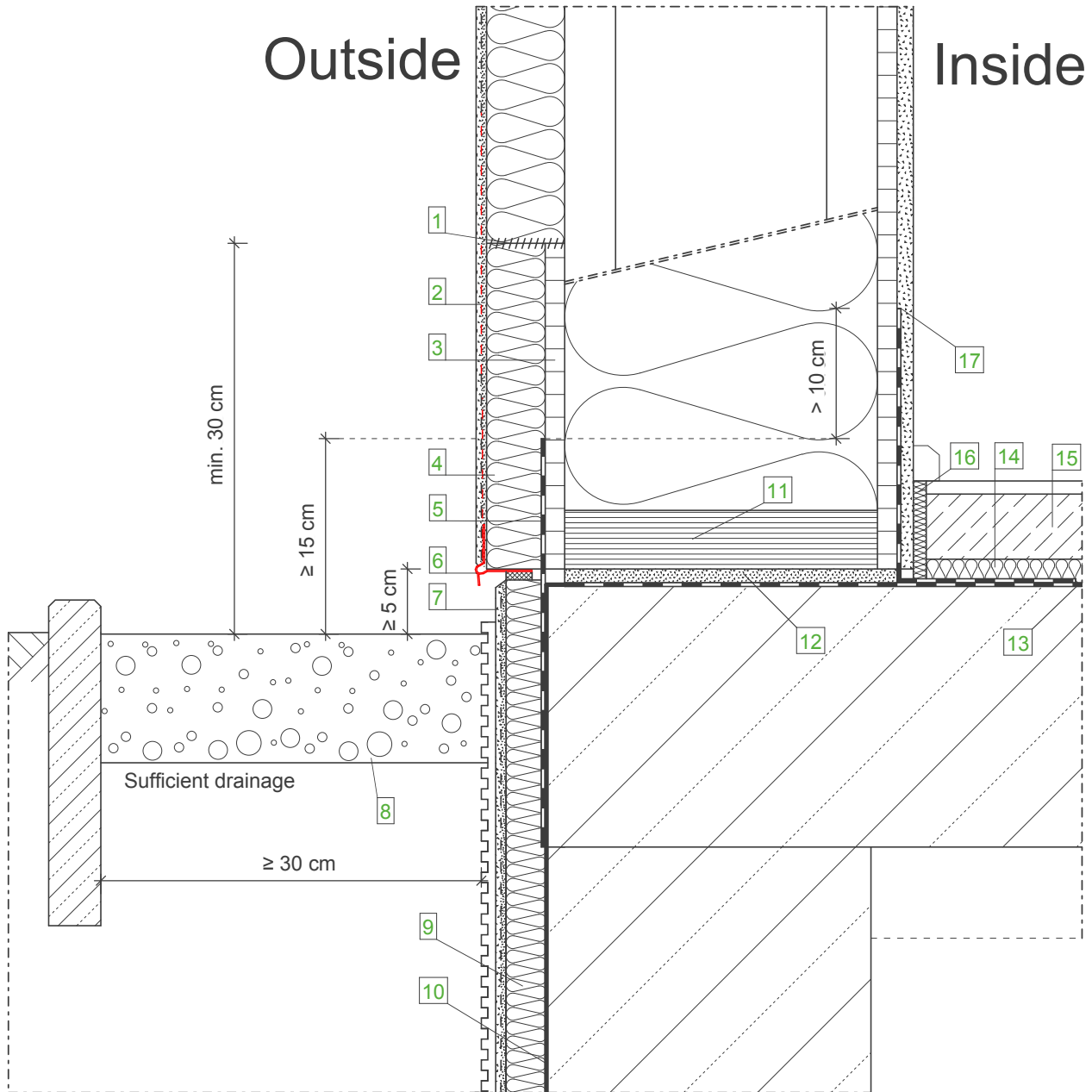
Detailnummer: AW-WDVS-HRB-1-20

Änderung: 30-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | STEICOMulti fill |
| 2 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 3 | Cement bonded board |
| 4 | EPS insulation with textured surface |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | DPC edge profile |
| 7 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Swelling mortar |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm |
| 15 | Wet screed |
| 16 | STEICOSoundstrip |
| 17 | Airtight tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Level threshold, reduced splashback zone

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-1-30

Änderung: 04-04-2017

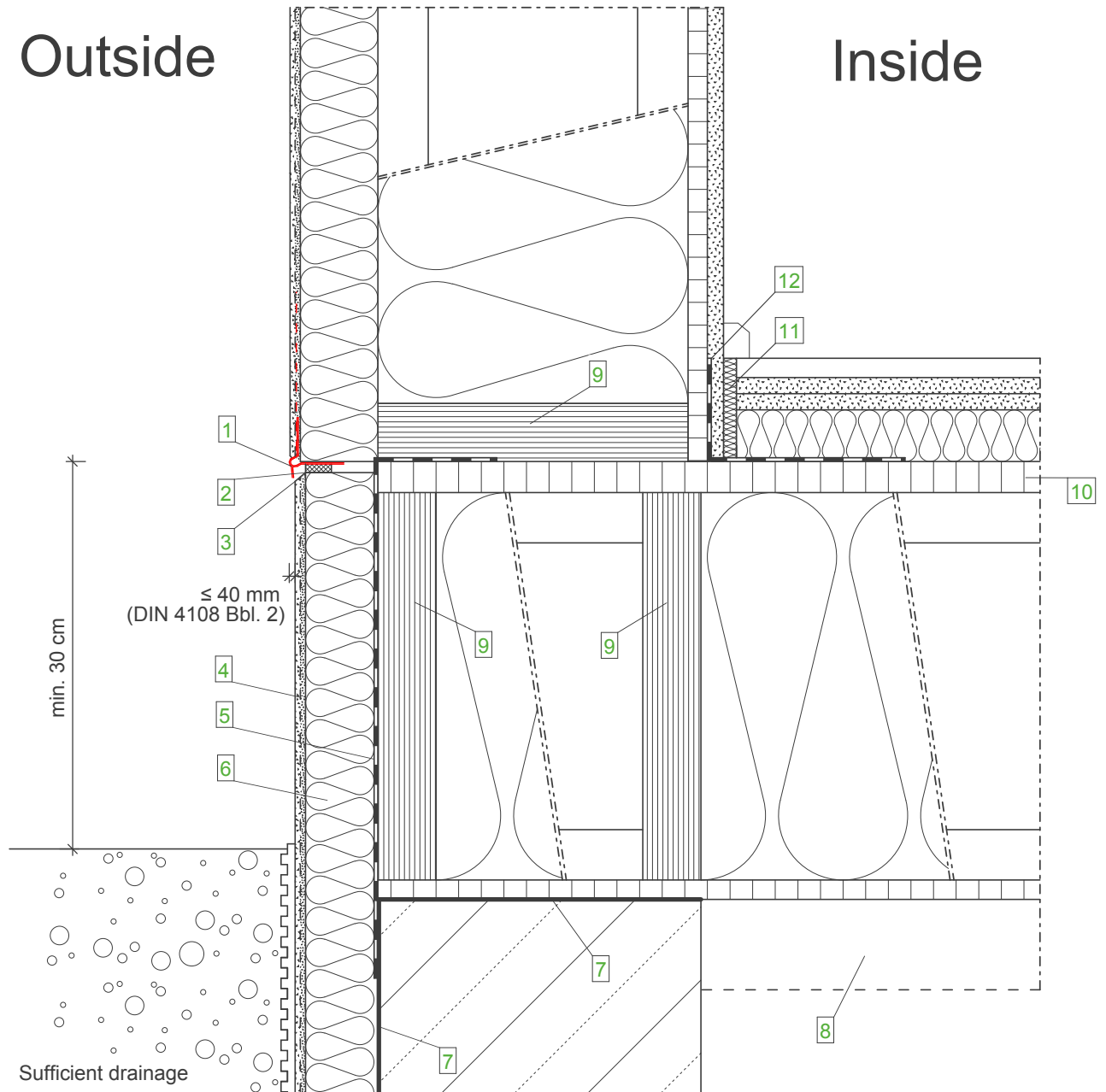
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside

Inside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

Floor construction
(from top to bottom)

- Floor covering
- Dry screed element
- STEICOtherm 40 mm
- Timber based panel product (OSB), airtight tape
- STEICOjoist + STEICOflex
- Cement bonded particle board
- Suspended ceiling

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing
5	Sealing in accordance with DIN 18195-4
6	Perimeter insulation
7	Building weathering protection, min. 15 cm above ground level
8	Suspended ceiling
9	STEICO LVL Laminated Veneer Lumber
10	Timber based panel product (OSB) and vapour barrier
11	STEICOsoundstrip
12	Airtight tape

Important Note:

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DPC - Basement ceiling in timber construction

Datum: 13-03-2015

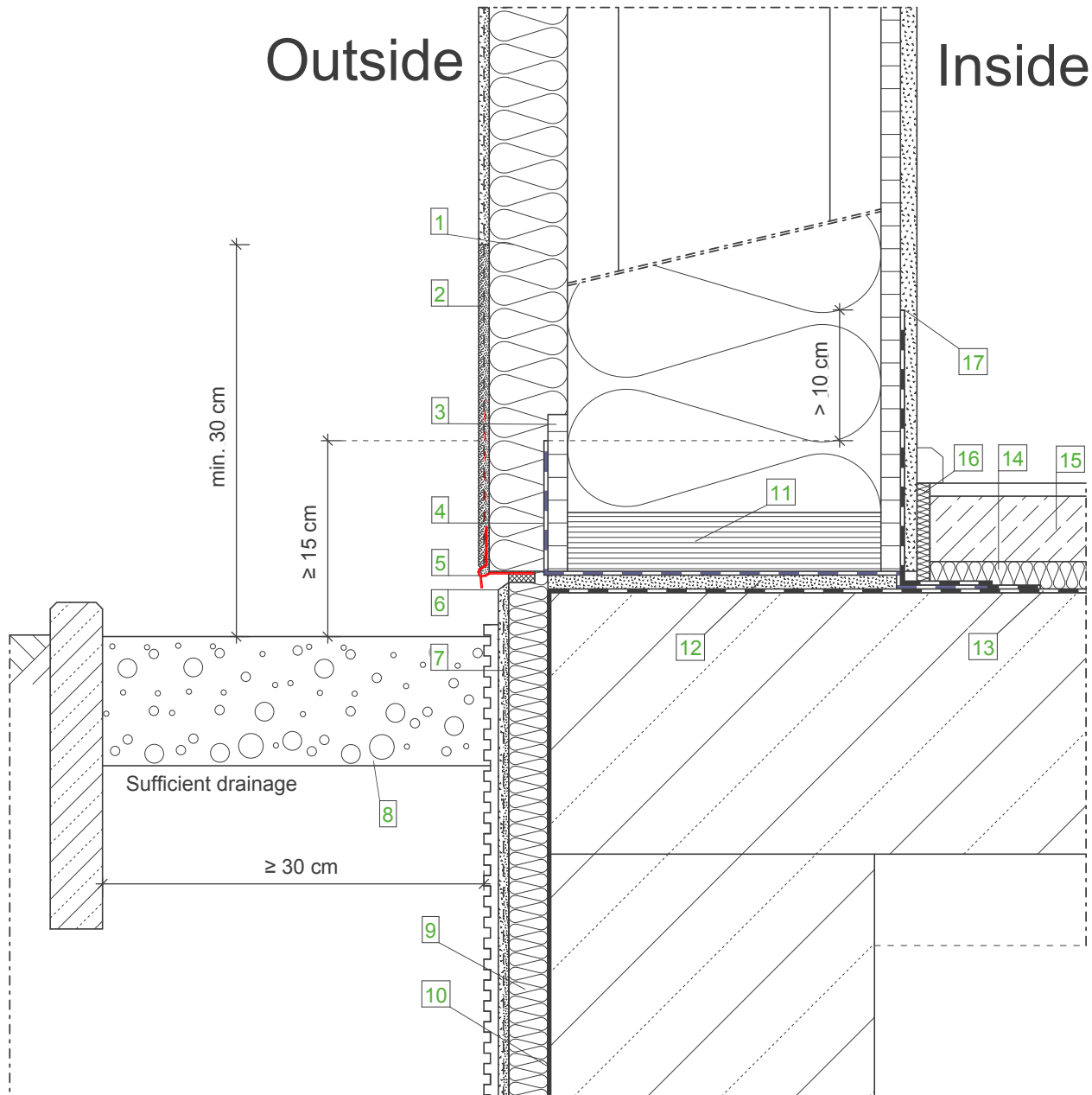
Detailnummer: AW-WDVS-HRB-1-50

Änderung: 30-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
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Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

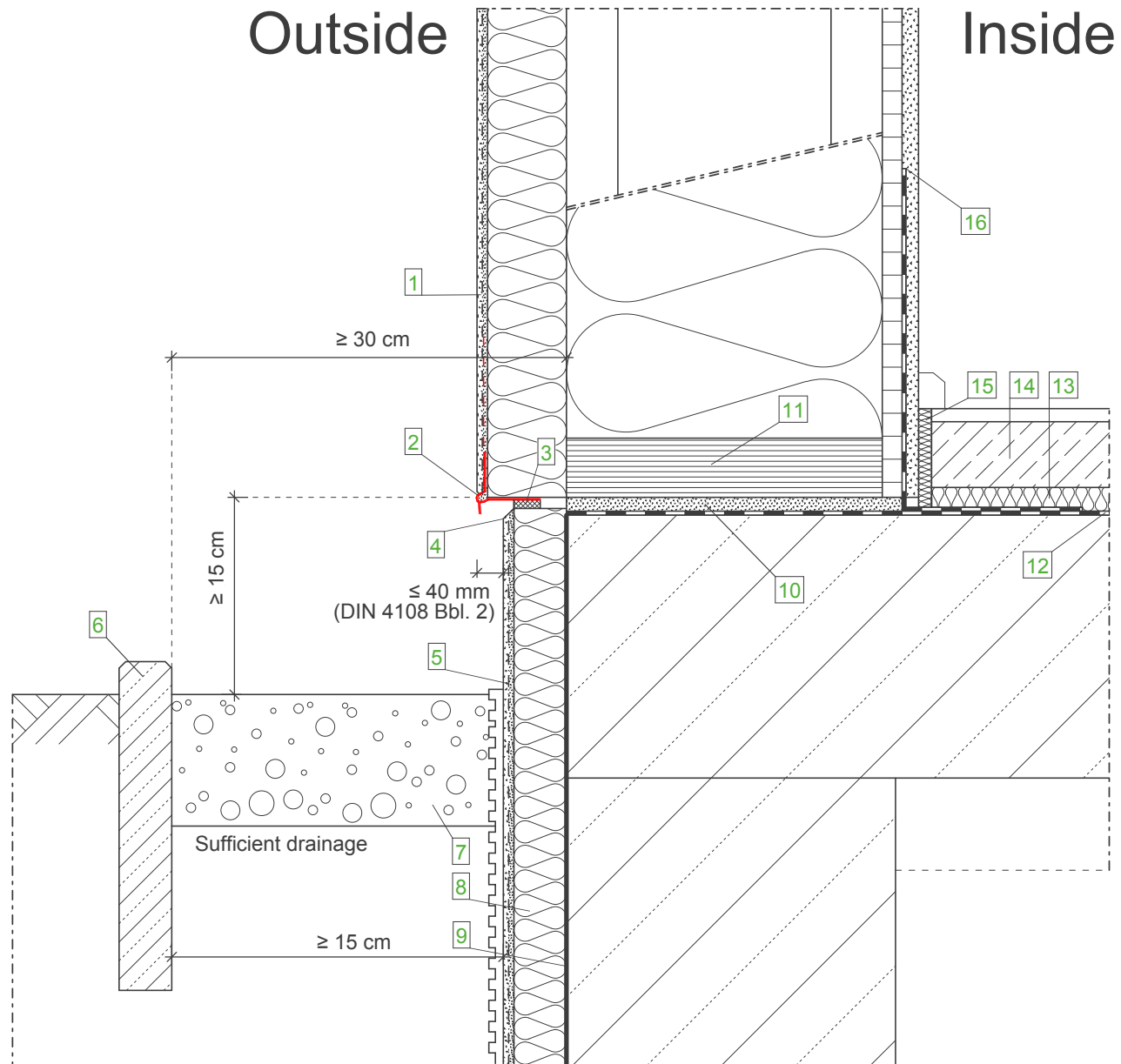
1	STEICOprotect
2	Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane
3	Cement bonded board
4	Sealing in accordance with DIN 18195-4, taken to the inside
5	DPC edge profile
6	Trowelled joist
7	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
8	Gravel bed, grain size min. 16/32
9	Perimeter insulation
10	Building weathering protection, min. 15 cm above ground level
11	STEICO LVL Laminated Veneer Lumber
12	Swelling mortar
13	Bituminous sheeting
14	STEICOtherm
15	Wet screed
16	STEICOsoundstrip
17	Airtight tape

Important Note:

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DPC - Wood fibre in splashback zone (tanking slurry)		
Datum: 12-03-2015	Detailnummer: AW-WDVS-HRB-1-60	
Änderung: 30-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0





Wall construction
(from inside to outside)


- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

1	In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render
2	DPC edge profile
3	Joint sealing tape
4	Trowelled joist
5	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
6	Garden edging
7	Gravel bed, grain size min. 16/32
8	Perimeter insulation
9	Building weathering protection, min. 15 cm above ground level
10	Swelling mortar
11	STEICO LVL Laminated Veneer Lumber
12	Bituminous sheeting
13	STEICOtherm
14	Wet screed
15	STEICOsoundstrip
16	Airtight tape

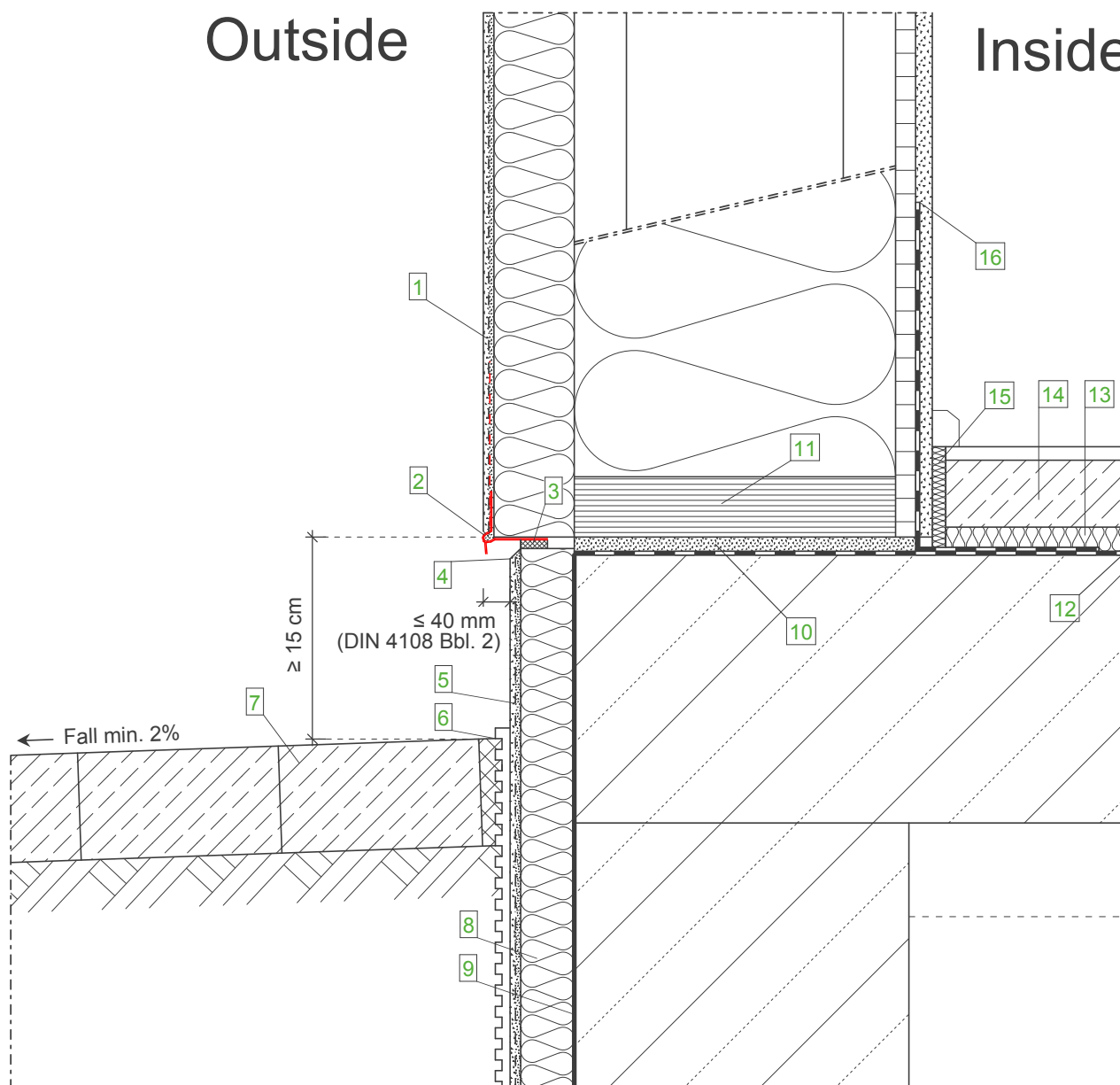
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Lower edge threshold min. 15 cm over terrain top edge (gravel bed)		
Datum: 12-03-2015	Detailnummer: AW-WDVS-HRB-1-70	
Änderung: 30-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0
		

Outside

Inside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation, in ground environment with flexible, mineral render sealing |
| 6 | Terrain top edge |
| 7 | Finished floor covering (= water-carrying layer) min. 2% fall |
| 8 | Perimeter insulation |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Swelling mortar |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Airtight tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Lower edge threshold min. 15 cm over terrain top edge (min. 2% fall)

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-1-80

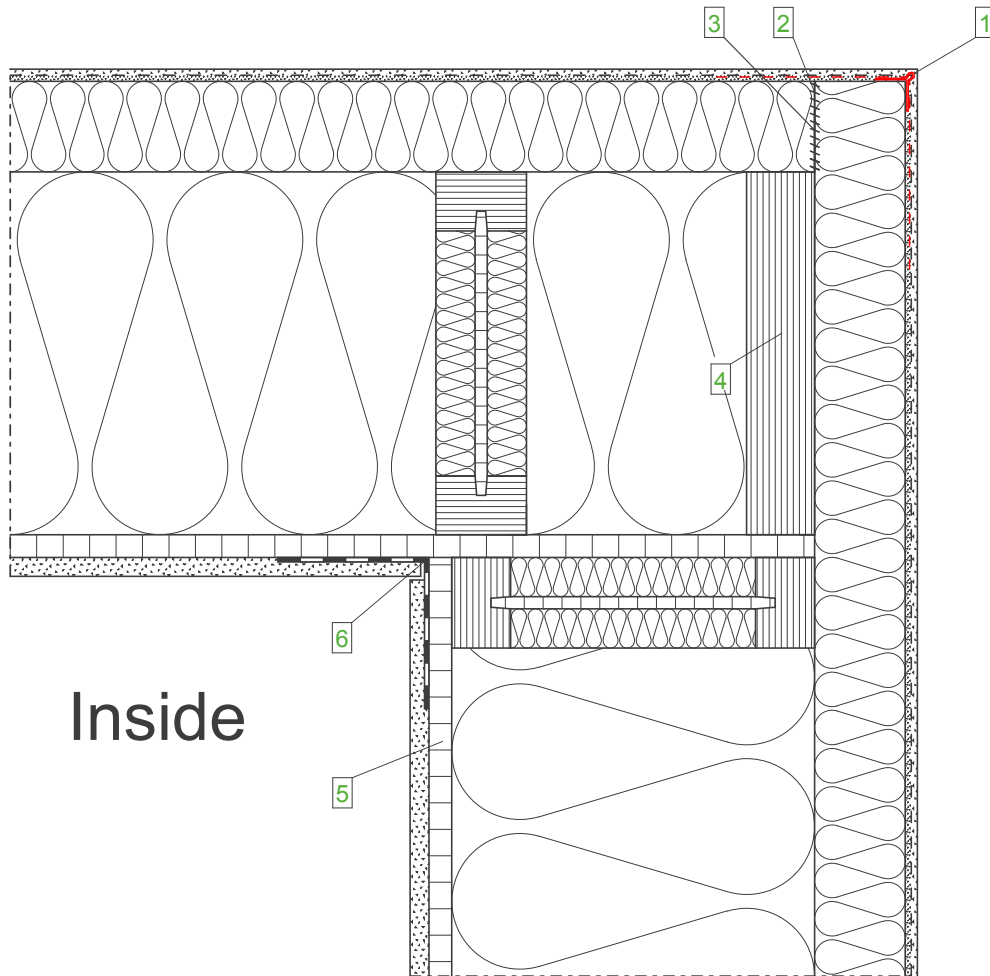
Änderung: 30-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Inside

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Mesh corner angle |
| 2 | STEICOMulti fill glueing optional |
| 3 | Square cut joint |
| 4 | STEICO LVL R Laminated Veneer Lumber |
| 5 | Pre designed fixing point. Site filled with STEICOflex. |
| 6 | Opening should be made airtight with vapour control layer
STEICOMulti tape |

Important Note:

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External wall - Transitions - Outside corner with STEICO LVL R edge beam

Datum: 20-03-2015

Detailnummer: AW-WDVS-HRB-2-10

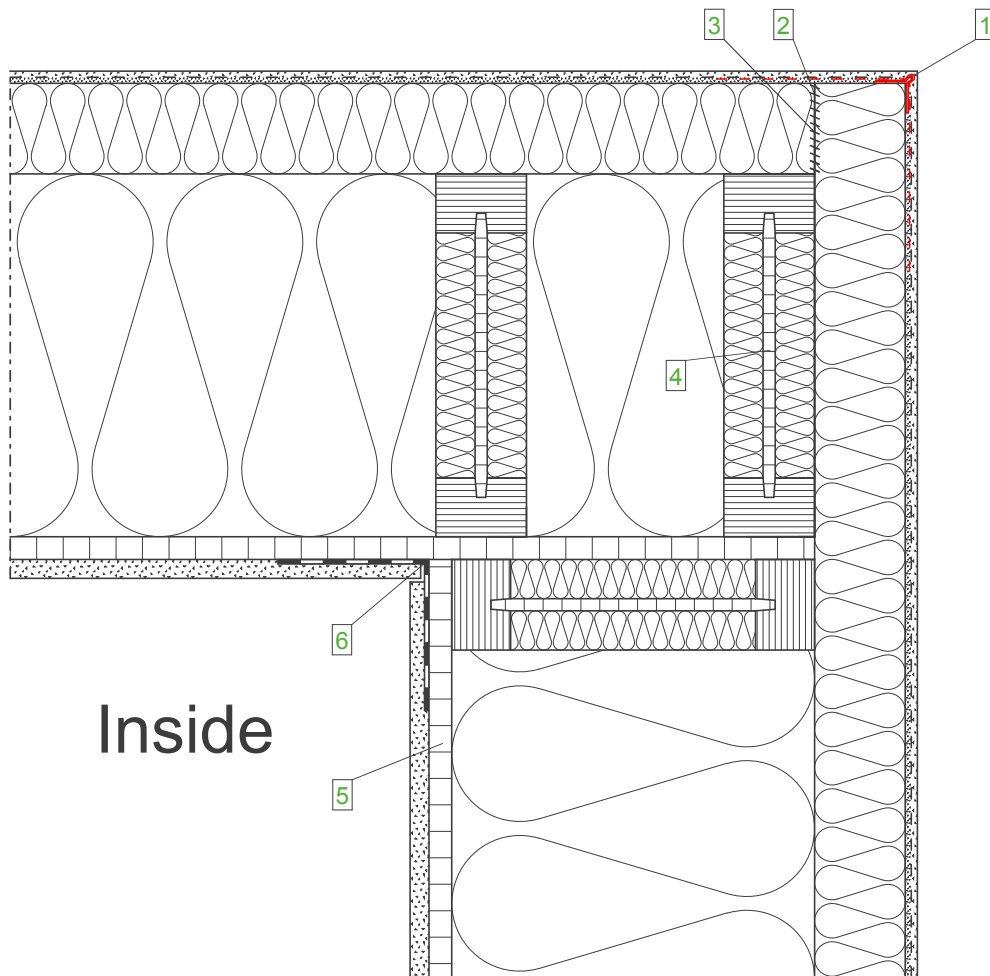
Änderung: 28-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Inside

Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|---|--|
| 1 | Mesh corner angle |
| 2 | STEICOMulti fill glueing optional |
| 3 | Square cut joint |
| 4 | STEICOWall I-Joist |
| 5 | Pre designed fixing point. Site filled with STEICOflex.
Opening should be made airtight with vapour control layer |
| 6 | STEICOMulti tape |

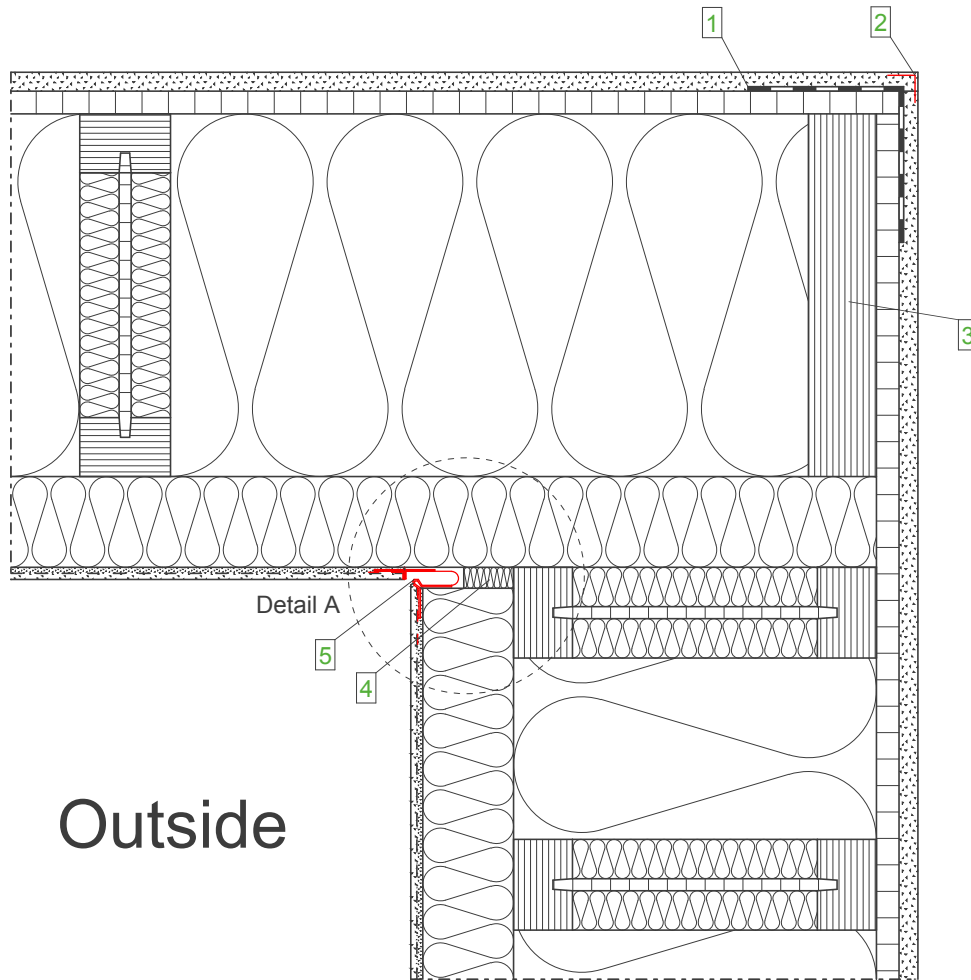
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

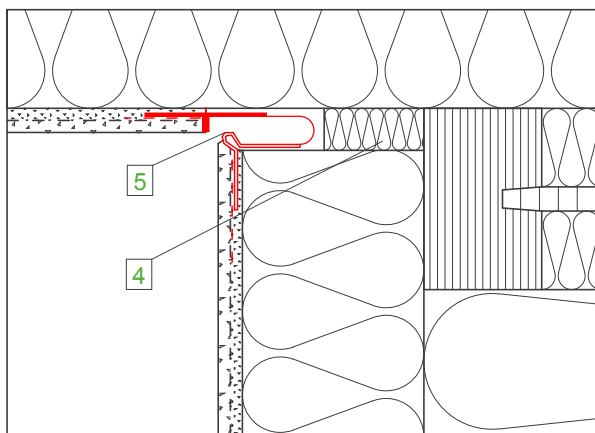
External wall - Transitions - Outside corner with STEICOWall edge beam		
Datum: 20-03-2015	Detailnummer: AW-WDVS-HRB-2-20	
Änderung: 28-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0



Inside



Outside



Detail A, M 1:2,5

Legend:

1	STEICOMulti tape
2	Corner angle
3	STEICO LVL R Laminated Veneer Lumber
4	STEICOflex
5	Expansion joint profile

Wall construction (from inside to outside)

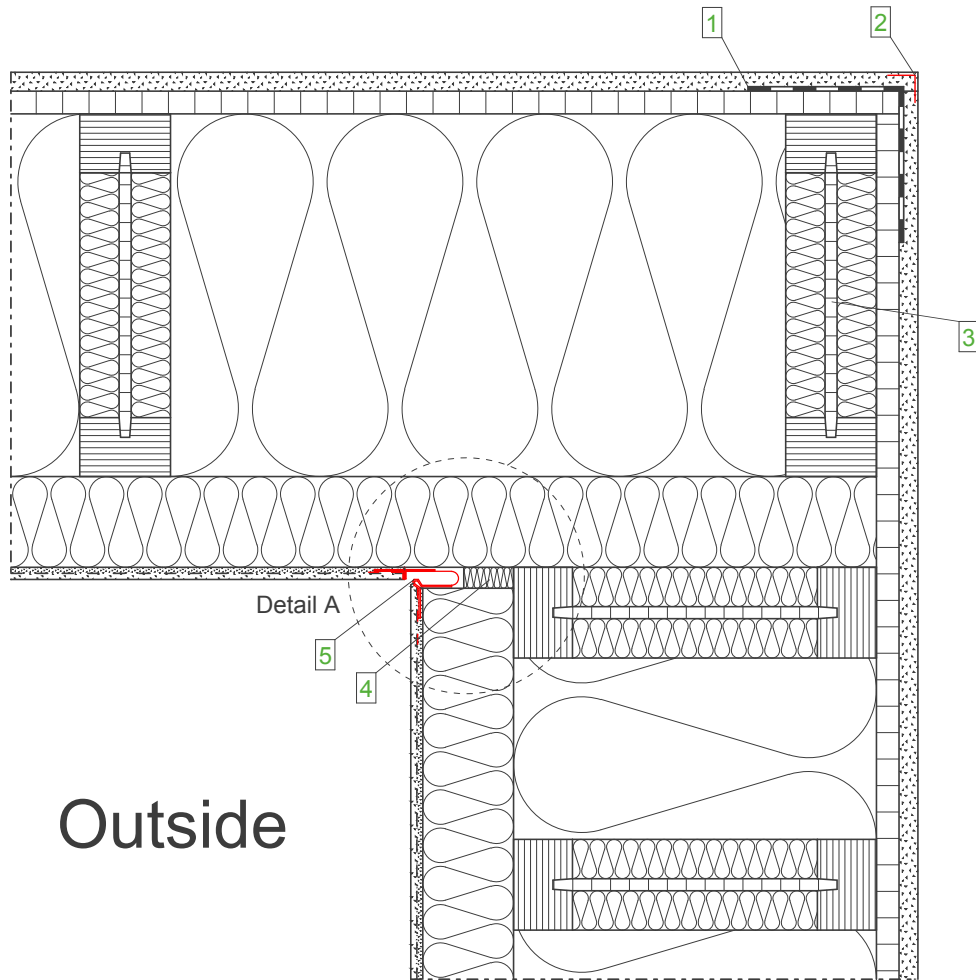
- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Important Note:

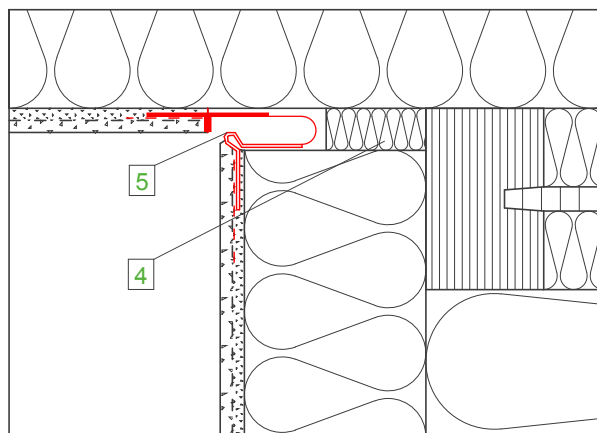
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall -Transitions - Inside corner with STEICO LVL R edge beam			
Datum: 20-03-2015	Detailnummer: AW-WDVS-HRB-2-30		
Änderung: 22-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Inside



Outside



Detail A, M 1:2,5

Legend:

1	STEICOMulti tape
2	Corner angle
3	STEICOWall I-Joist
4	STEICOflex
5	Expansion joint profile

Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

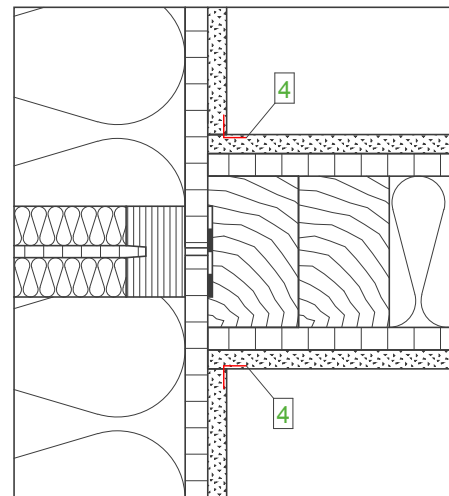
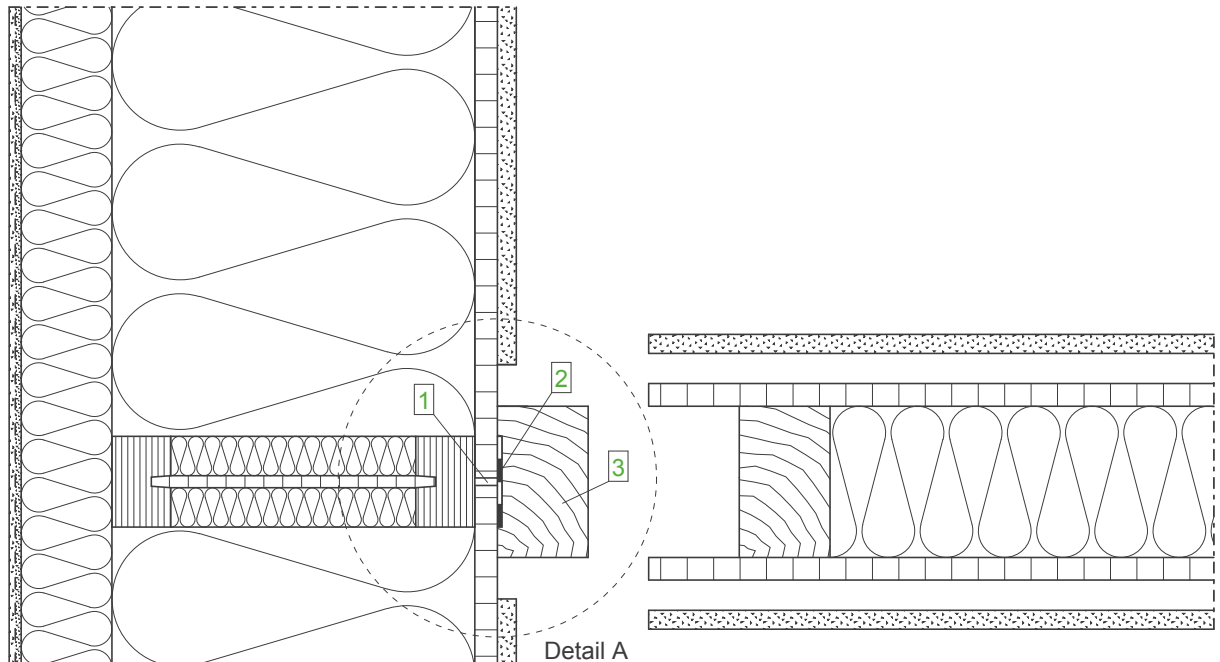
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Inside corner with STEICOWall edge beam			
Datum: 20-03-2015	Detailnummer: AW-WDVS-HRB-2-40		
Änderung: 22-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Outside

Inside



Detail A after mounting, M 1:5,0

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

Internal wall construction (from inside to outside)

- Plasterboard
- OSB
- STEICOflex
- Solid timber or
- STEICO LVL R
- OSB
- Plasterboard

Legend:

- | | |
|---|--|
| 1 | Construction joint 5mm in timber based panel product |
| 2 | STEICOMulti tape |
| 3 | Mounting timber |
| 4 | Paper joint re-inforcement band filled |

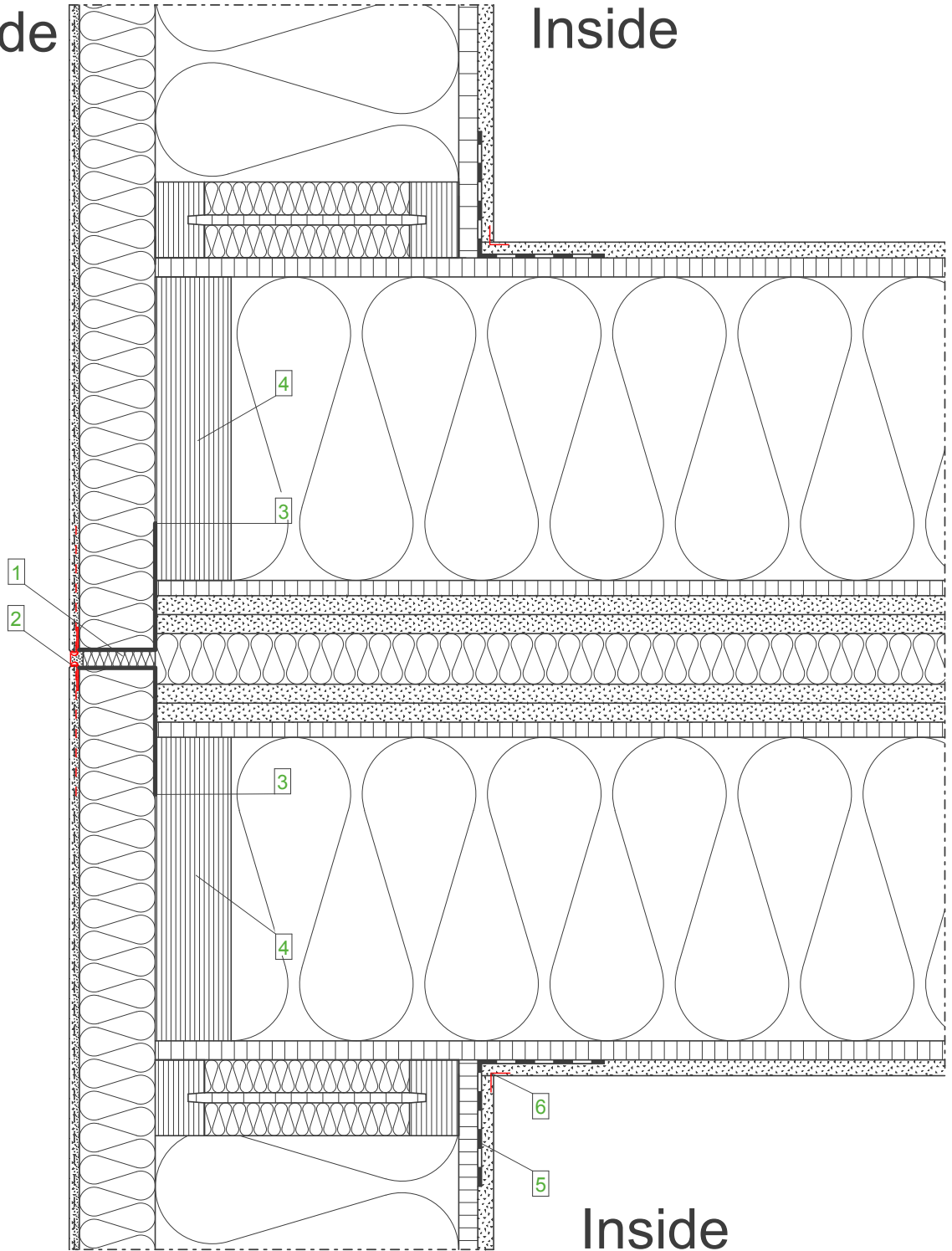
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Internal wall connection			
Datum: 23-03-2015	Detailnummer: AW-WDVS-HRB-2-50		
Änderung: 28-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Outside

Inside



External wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect (min. 60 mm)
- Approved plaster system (mineral)

Building party wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICO LVL Laminated Veneer Lumber
- OSB - 12 mm
- Plasterboard 6 KF 2 x 15 mm
- Non-combustible insulating material T > 1000 °C

Legend:

- | | |
|---|---|
| 1 | Non-combustible insulating material T > 1000 °C |
| 2 | STEICOprotect joint profile, 10-20 mm flexible |
| 3 | Metal angles in accordance with wood fire protection manual |
| 4 | STEICO LVL Laminated Veneer Lumber |
| 5 | STEICOMulti tape |
| 6 | Paper joint re-inforcement band filled |

Important Note:

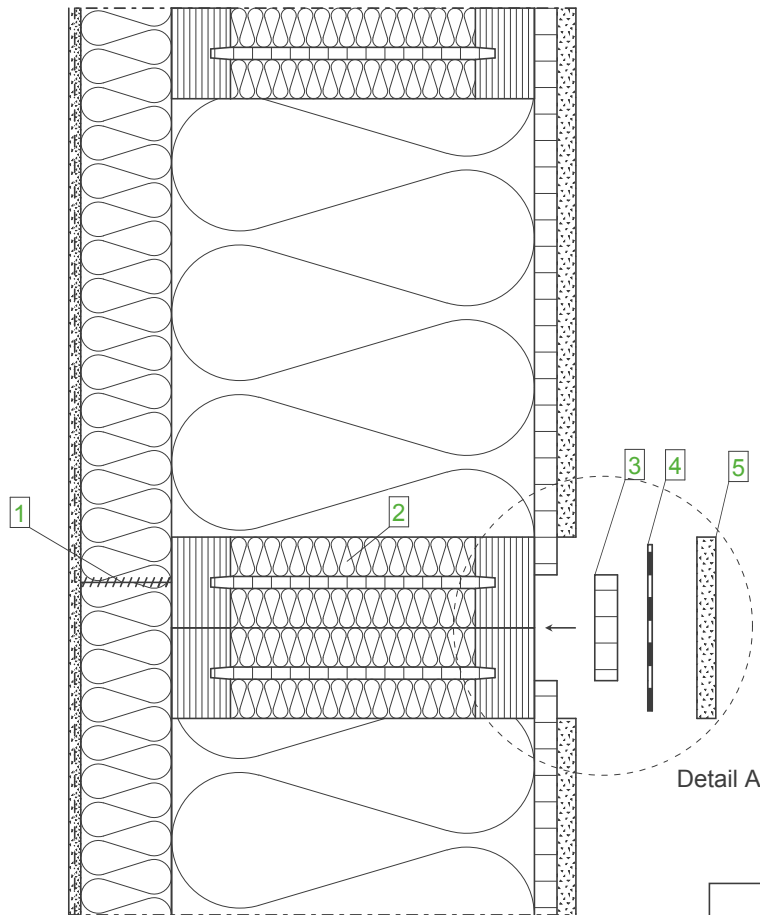
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Building party wall, flash over zone		
Datum: 23-03-2015	Detailnummer: AW-WDVS-HRB-2-60	
Änderung: 28-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0

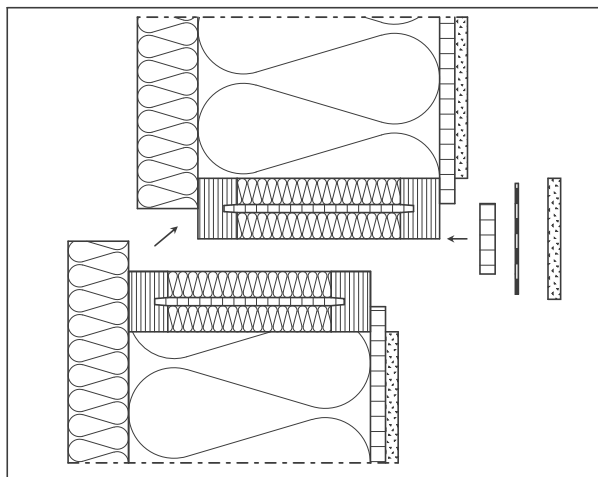


Outside

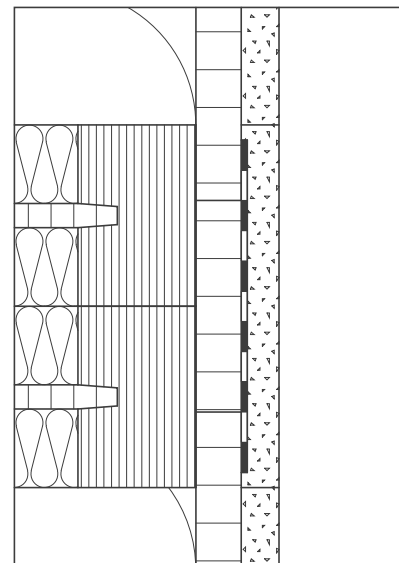
Inside



Detail A



Mounting process, M 1:7.5



Detail A after mounting, M 1:2.5

External wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

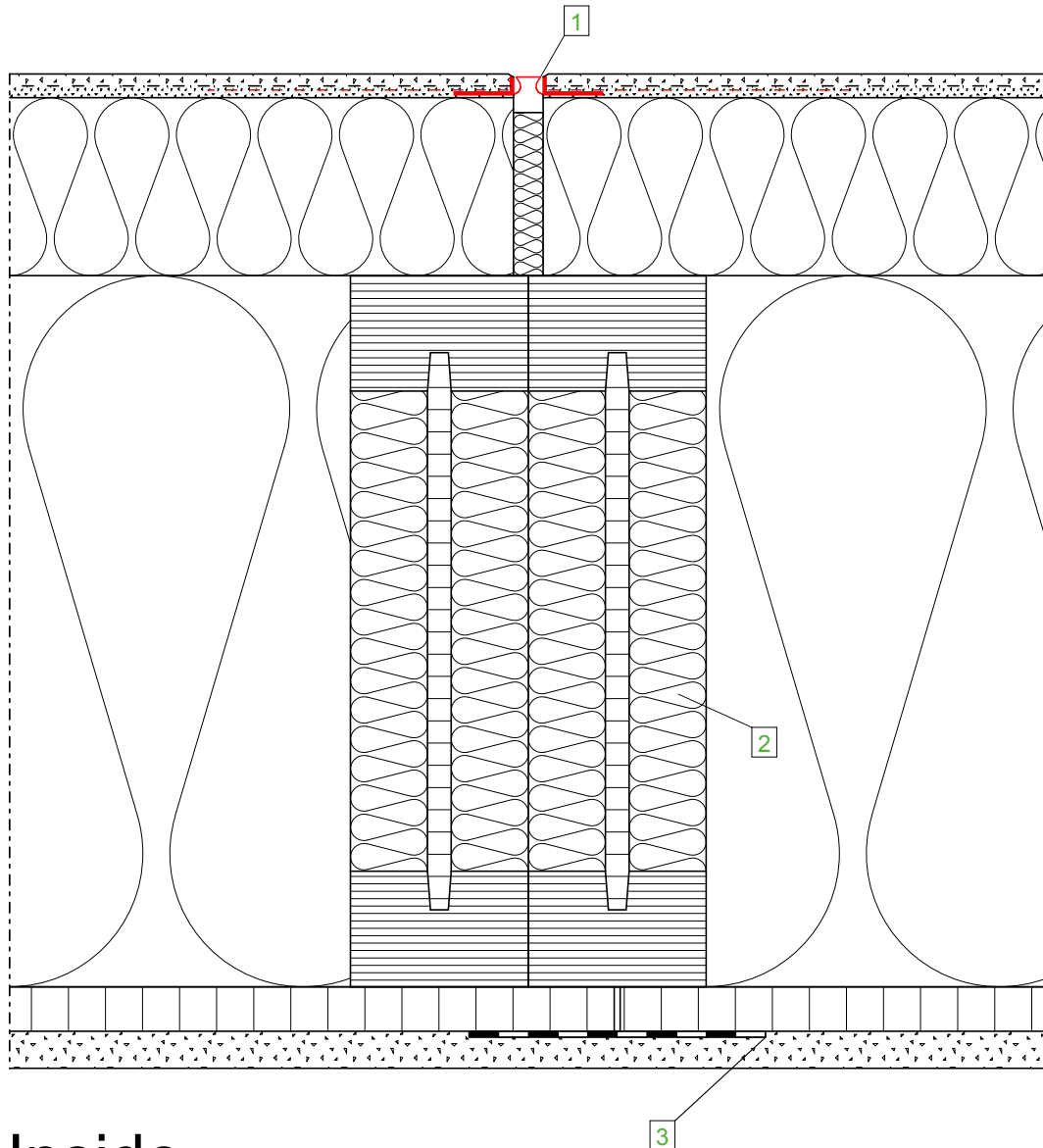
- | | |
|---|--|
| 1 | STEICOMulti fill glueing |
| 2 | Web insulation |
| 3 | Connection plate of timber based panel product |
| 4 | STEICOMulti tape |
| 5 | Plasterboard mounting cover |

Important Note:

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External wall - Transitions - Element joint vertical			
Datum: 23-03-2015	Detailnummer: AW-WDVS-HRB-2-90		
Änderung: 28-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Outside



Inside

External wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|---|-----------------------------|
| 1 | STEICOprotect joint profile |
| 2 | 10-20 mm flexible |
| 3 | Web insulation |
| | STEICOmultiplex tape |

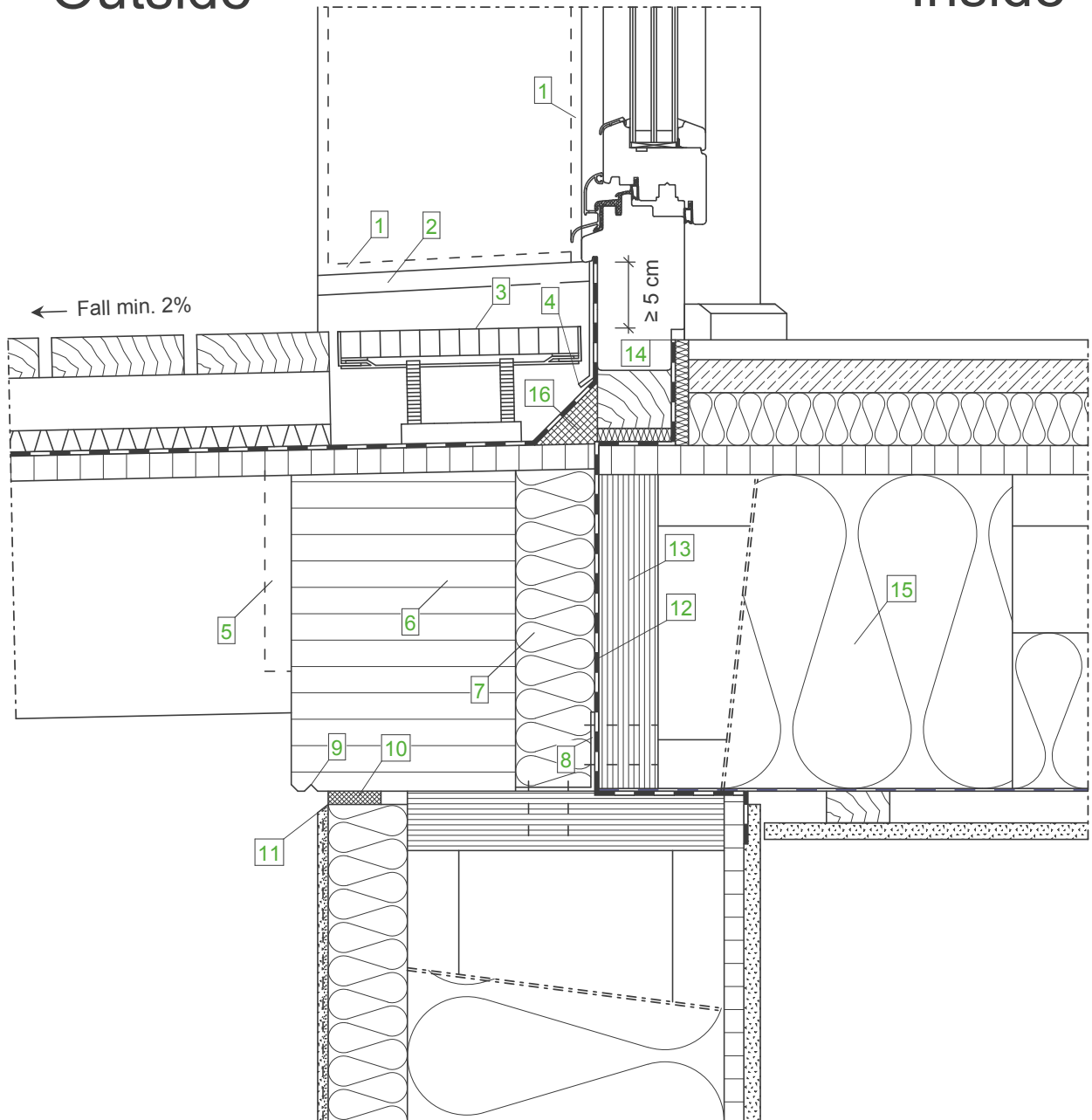
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Expansion joint			
Datum: 23-03-2015	Detailnummer: AW-WDVS-HRB-2-100		
Änderung: 28-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 2.5	

Outside

Inside



**Balcony construction
(from top to bottom)**

- Wooden flooring 30 mm
- Support batten 40 mm
- Drainage mat
- EPDM- Sealing membrane
- Timber based panel product visible
- Joist location

**Wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Ceiling construction
(from top to bottom)**

- Floor covering
- Dry screed 25 mm
- STEICOtherm 40 mm
- Timber based panel product (OSB)
- STEICOjoist
- + STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

1	Joint sealing tape
2	Metal sheet upstand
3	Drainage channel cover, height adjustable
4	Protective plate in front of seal
5	Coated aluminium dovetail connector
6	Glulam rimboard
7	STEICOtherm as core insulation
8	Anchorage above angle connector
9	Drip edge
10	Joint sealing tape
11	Trowelled joist
12	Vapour barrier in connection areas
13	STEICO LVL Laminated Veneer Lumber
14	Airtight window installation (DIN 4108-7)
15	STEICOflex 240 mm in connection area
16	Insulation wedge

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Balcony, integrated balcony in ETICS

Datum: 02-04-2015

Detailnummer: AW-WDVS-HRB-2-110

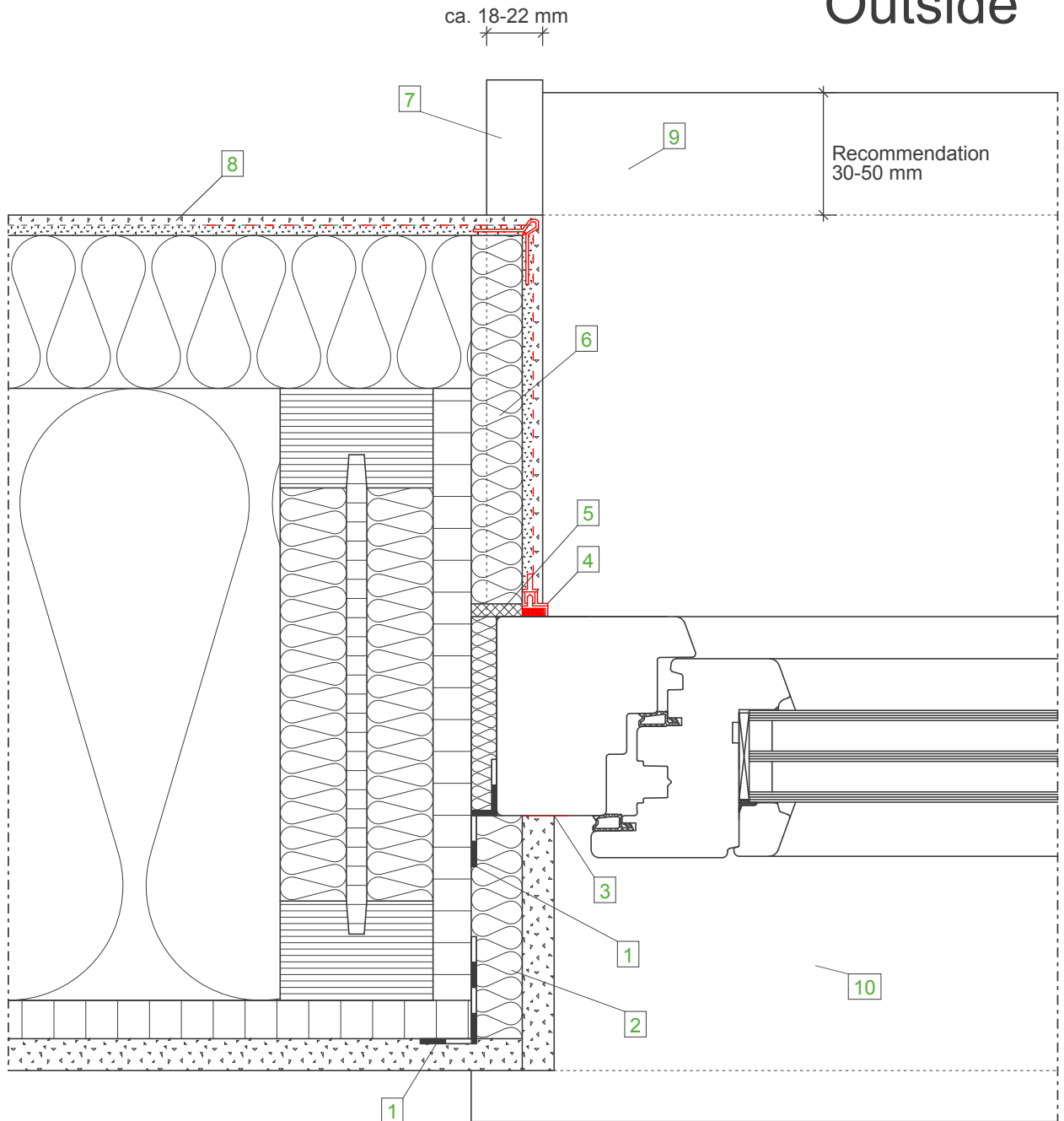
Änderung: 28-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|------------------------------------|
| 1 | STEICOMulti tape |
| 2 | STEICObase |
| 3 | Separating strips |
| 4 | Clean finish render stop bead |
| 5 | Joint sealing tape |
| 6 | STEICOprotect H reveal board 20 mm |
| 7 | End profile for ETICS suitable |
| 8 | Surface mesh |
| 9 | Aluminium window sill |
| 10 | Window sill inside |

Inside

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Side connection with reveal board, horizontal section

Datum: 06-03-2015

Detailnummer: AW-WDVS-HRB-3-10

Änderung: 22-03-2017

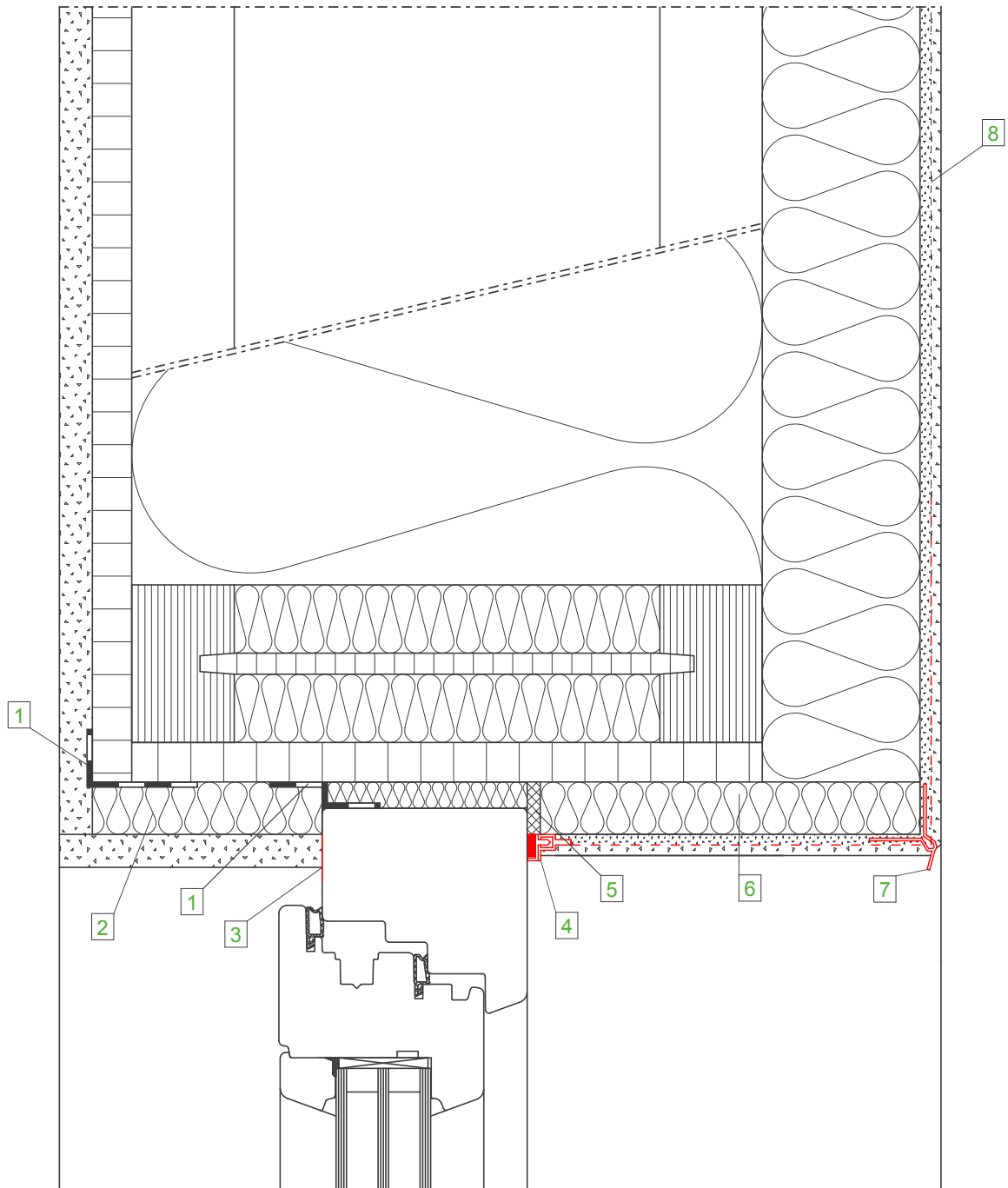
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|---|------------------------------------|
| 1 | STEICOmulti tape |
| 2 | STEICObase |
| 3 | Separating strips |
| 4 | Clean finish render stop bead |
| 5 | Joint sealing tape |
| 6 | STEICOprotect H reveal board 20 mm |
| 7 | Drip edge profile |
| 8 | Surface mesh |

Important Note:

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Window - Upper connection with reveal board, vertical section

Datum: 11-03-2015

Detailnummer: AW-WDVS-HRB-3-20

Änderung: 22-03-2017

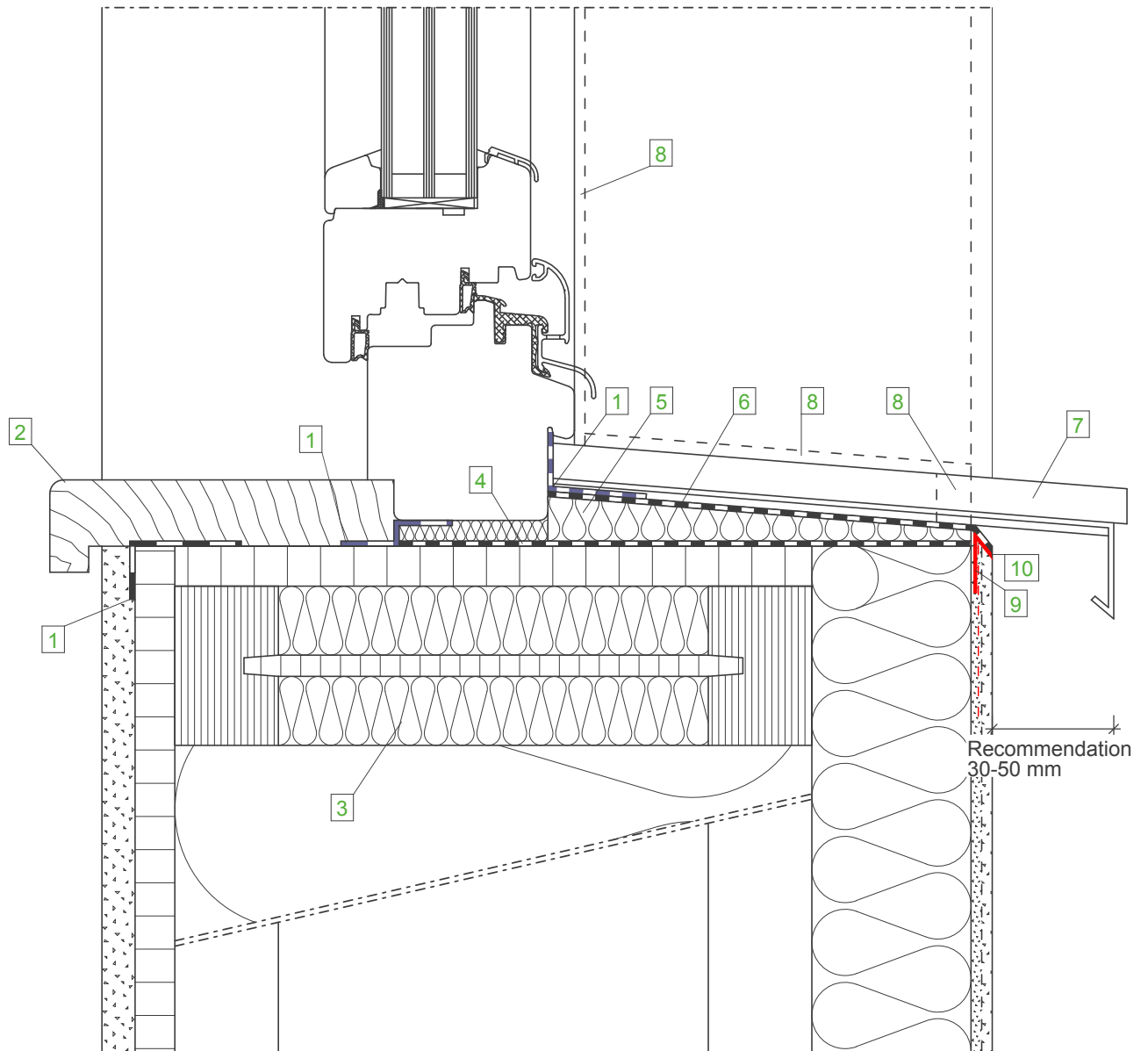
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | STEICOMulti tape |
| 2 | Window sill inside |
| 3 | Web insulation |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Aluminium window sill |
| 8 | Joint sealing tape |
| 9 | Parapet profile |
| 10 | STEICOMulti fill glueing |

Important Note:

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Window - Bottom connection with reveal board, vertical section

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-3-30

Änderung: 29-03-2017

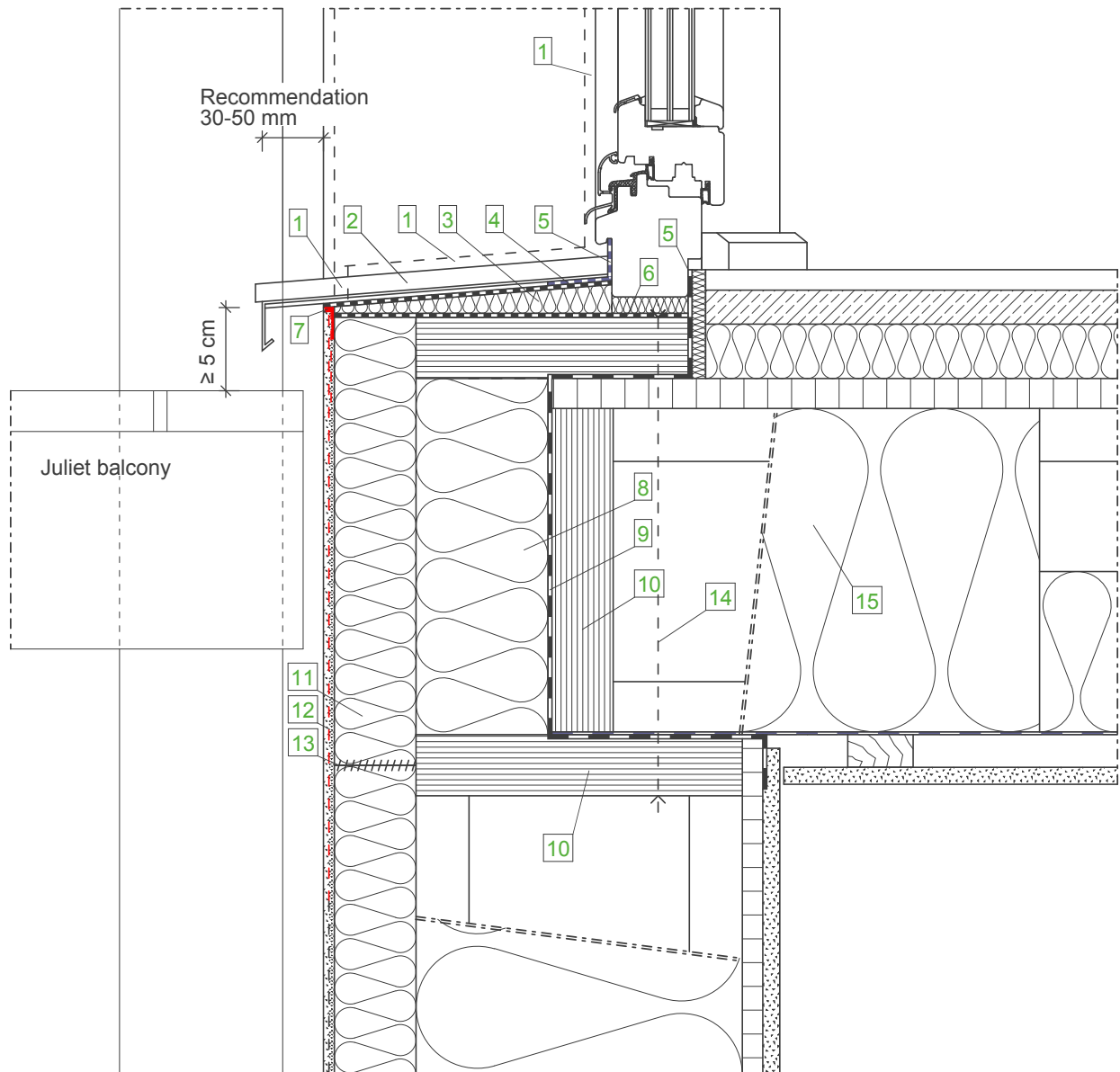
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Outside

Inside



Note:

To position 11:
The so-called "fiber" belt is inserted exact on site.
The board joint should be sanded after installation.

**Wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Ceiling construction
(from top to bottom)**

- Floor covering
- Dry screed 25 mm
- STEICOtherm 40 mm
- Timber based panel product (OSB)
- STEICOjoist + STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

- | | |
|----|--|
| 1 | Joint sealing tape |
| 2 | Aluminium window sill |
| 3 | STEICOfix wood fibre insulation fillet |
| 4 | Bonded membrane on insulation fillet |
| 5 | STEICOmultipurpose tape |
| 6 | Airtight window installation (DIN 4108-7) |
| 7 | STEICOmultipurpose UDB |
| 8 | Parapet profile |
| 9 | STEICOtherm as edge side insulation |
| 10 | Vapour barrier in connection areas |
| 11 | STEICO LVL Laminated Veneer Lumber |
| 12 | STEICOprotect fitting piece, adjusted on site |
| 13 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 14 | STEICOmultipurpose fill |
| 15 | Tension and compression resistant connection (to structural requirements) |
| | STEICOflex 240 mm in connection area |

Important Note:

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Doors - Vertical section with reveal board - Level threshold

Datum: 02-04-2015

Detailnummer: AW-WDVS-HRB-3-40

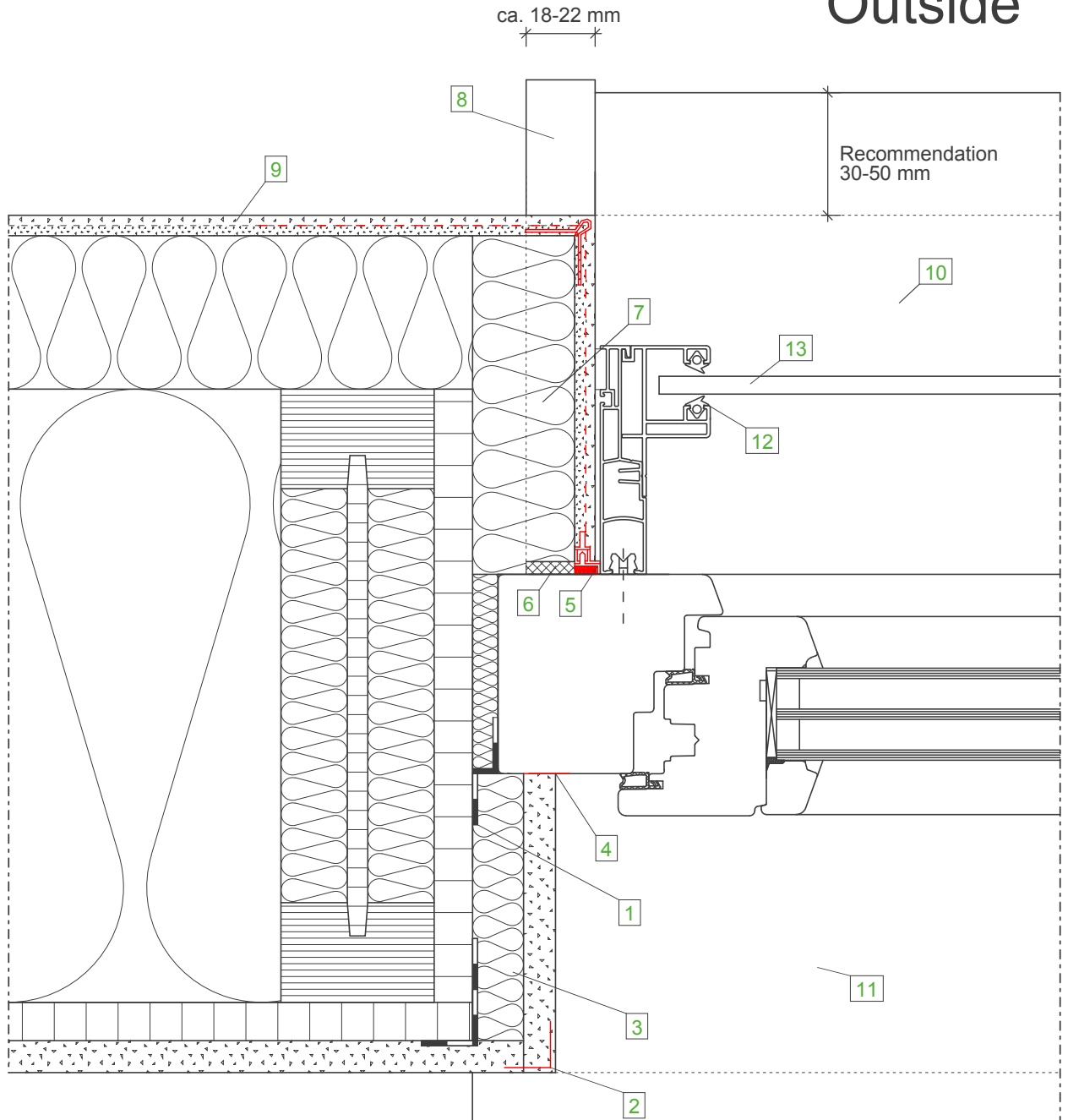
Änderung: 29-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOprotect H reveal board |
| 8 | End profile for ETICS suitable |
| 9 | Surface mesh |
| 10 | Aluminium window sill |
| 11 | Window sill inside |
| 12 | Roller blind guide rail |
| 13 | Reinforced rollerblind |

Inside

Important Note:

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Roller blind - Window - Horizontal section with reveal board

Datum: 06-03-2015

Detailnummer: AW-WDVS-HRB-4-10

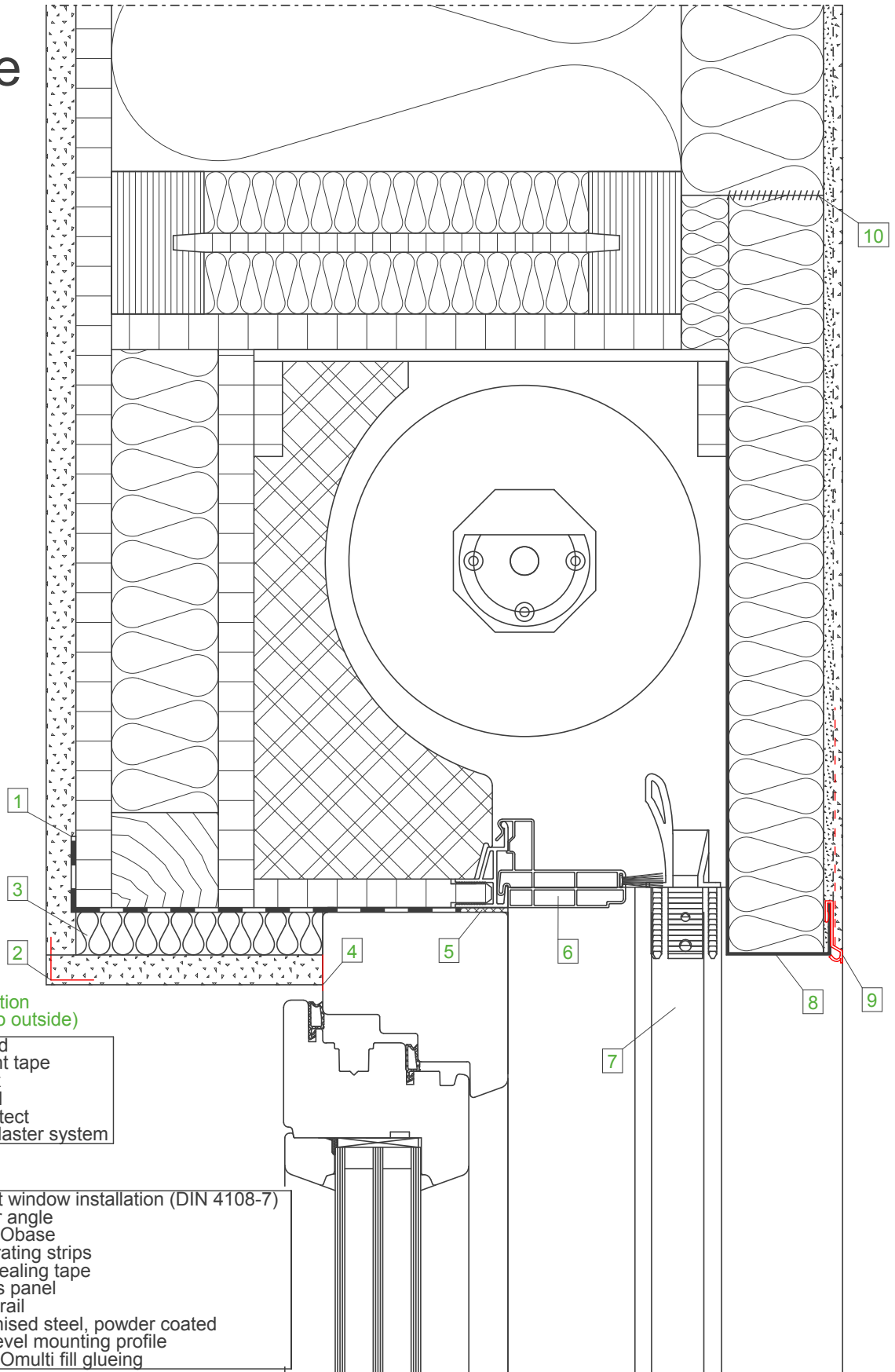
Änderung: 29-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside



Important Note:

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Roller blind - Window - Upper connection, vertical section

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-4-20

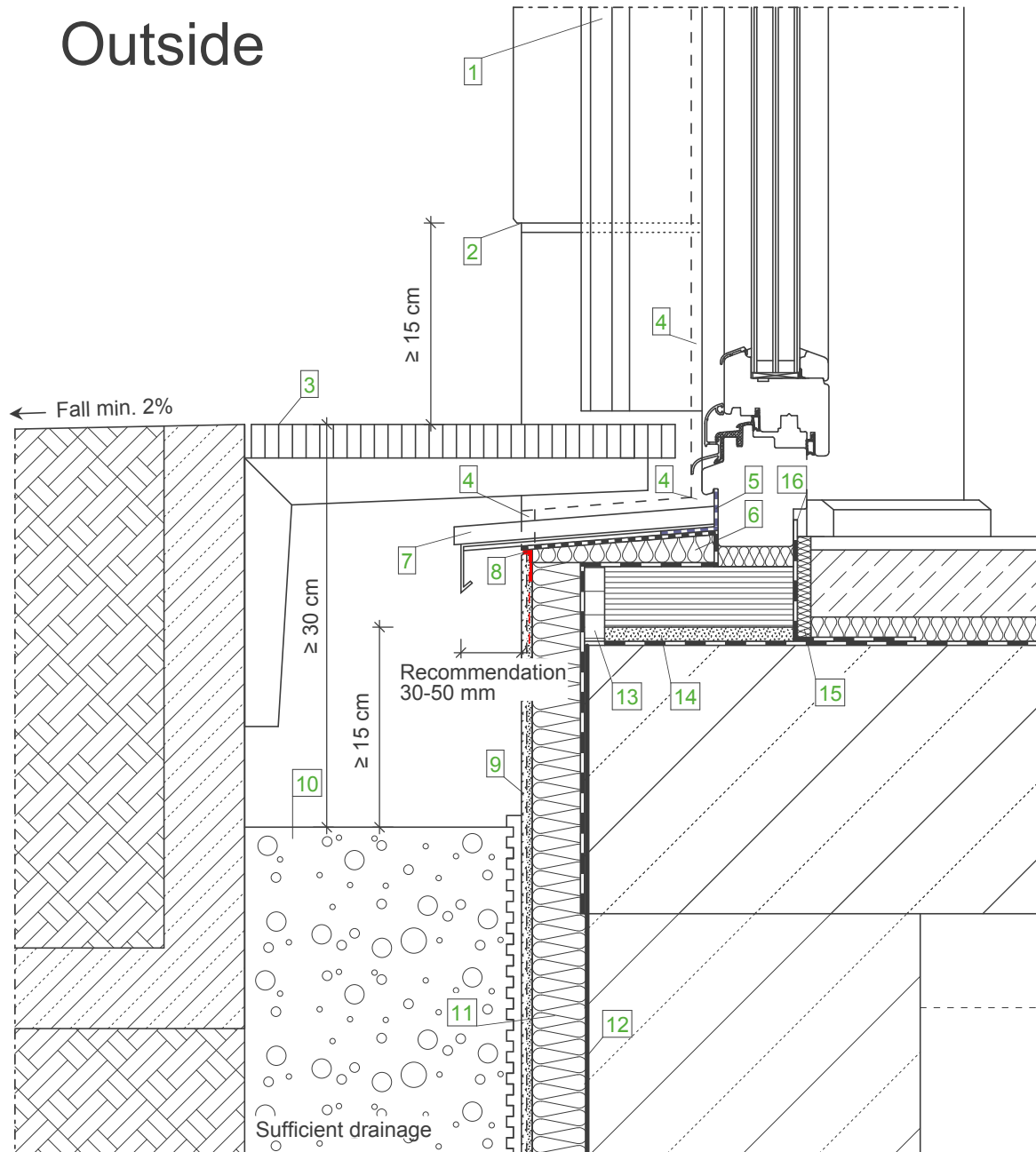
Änderung: 22-03-2017

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Roller blind guide rail |
| 2 | DPC edge profile, change of material
see Detail AW-WDVS-HRB-1-40 |
| 3 | Grating |
| 4 | Joint sealing tape |
| 5 | Sealing in accordance with DIN 18195 |
| 6 | Building weathering protection |
| 7 | Insulation fillet |
| 8 | Aluminium window sill |
| 9 | Render stop profile |
| 10 | Below DPC render in accordance with render recommendation
in ground environment with flexible, mineral render sealing |
| 11 | Gravel bed, grain size min. 16/32 mm |
| 12 | Perimeter insulation |
| 13 | Building weathering protection, min. 15 cm above ground level |
| 14 | Cement bounded board |
| 15 | Swelling mortar |
| 16 | STEICOsoundstrip |
| 16 | Airtight window installation (DIN 4108-7) |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roller blind - Doors - Vertical section with reveal board - Level threshold

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-4-30

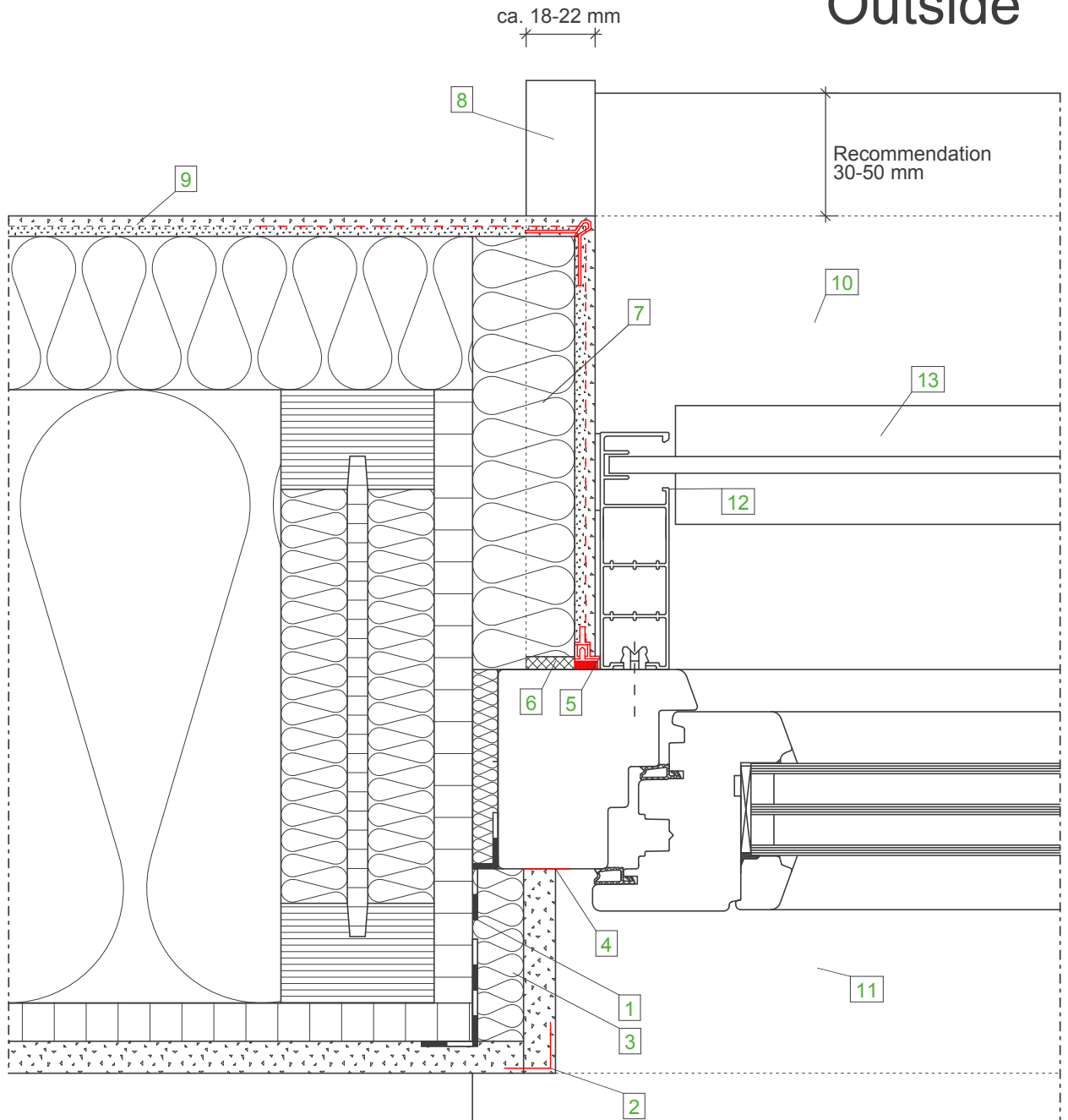
Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOprotect H reveal board |
| 8 | End profile for ETICS suitable |
| 9 | Surface mesh |
| 10 | Aluminium window sill |
| 11 | Window sill inside |
| 12 | Raffstore- guide rail |
| 13 | Raffstore- lamella |

Inside

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Raffstore - Window - Horizontal section with reveal board

Datum: 06-03-2015

Detailnummer: AW-WDVS-HRB-5-10

Änderung: 04-04-2017

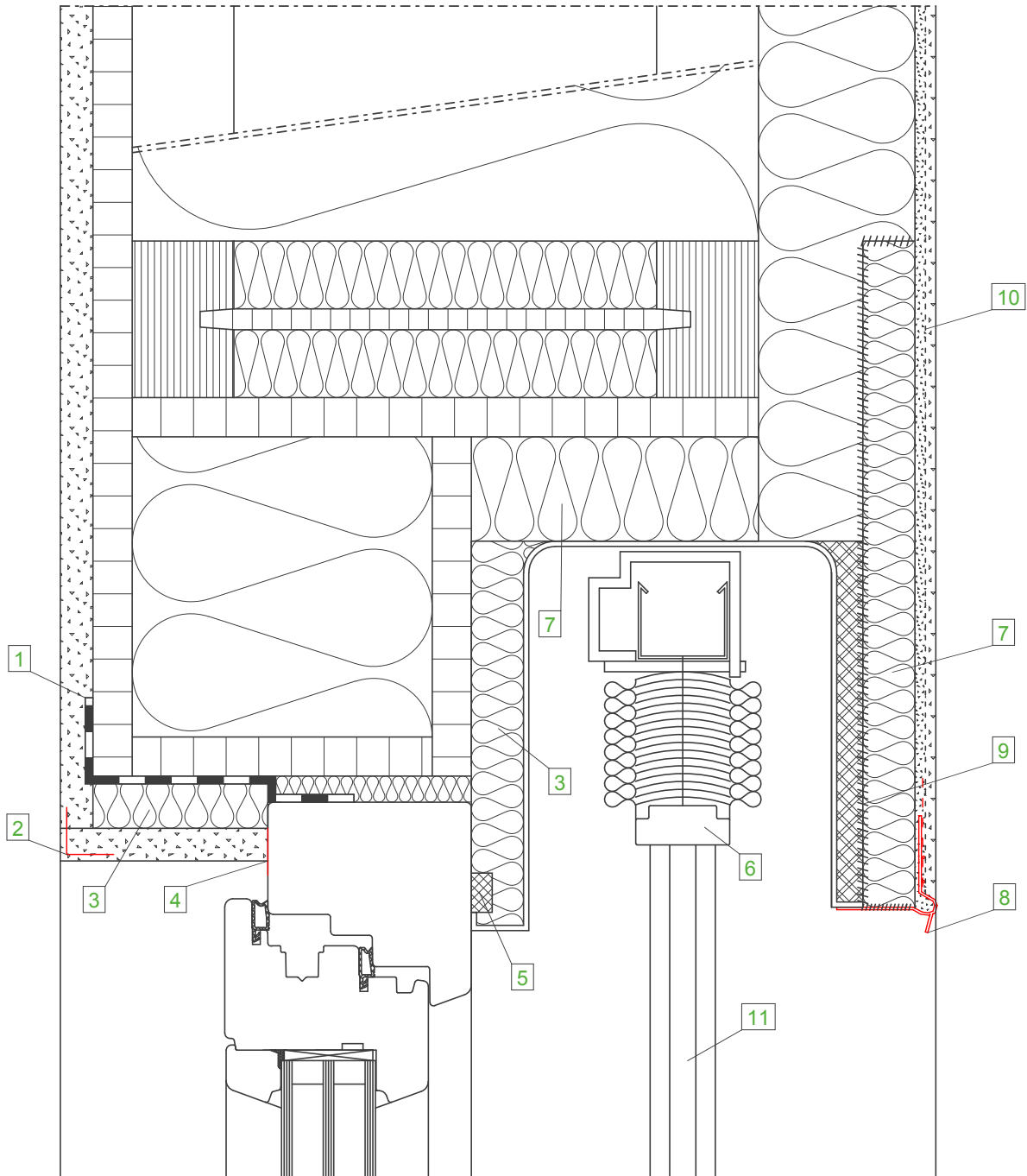
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Corner angle |
| 3 | STEICObase |
| 4 | Separating strips |
| 5 | Joint sealing tape |
| 6 | Raffstore |
| 7 | STEICOProtect H reveal board |
| 8 | DPC edge profile |
| 9 | STEICOMulti fill glueing |
| 10 | Surface mesh |
| 11 | Raffstore-guide rail |

Important Note:

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Raffstore - Window - Upper connection with reveal board, vertical section

Datum: 12-03-2015

Detailnummer: AW-WDVS-HRB-5-20

Änderung: 04-04-2017

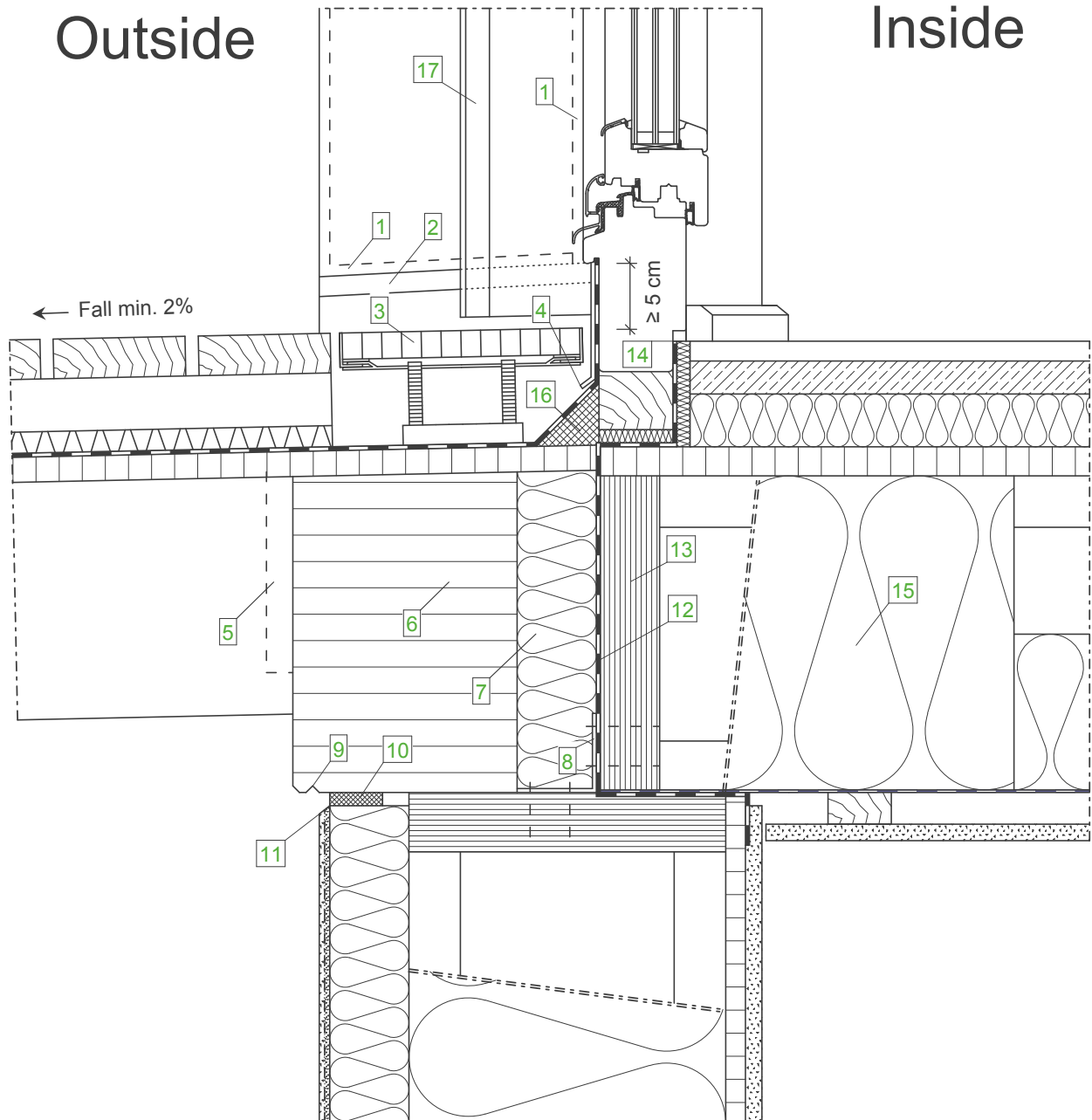
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Outside

Inside



**Balcony construction
(from top to bottom)**

- Wooden flooring 30 mm
- Support batten 40 mm
- Drainage mat
- EPDM membrane
- Timber based panel product visible
- Joist location

**Wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Ceiling construction
(from top to bottom)**

- Floor covering
- Dry screed 25 mm
- STEICOtherm 40 mm
- Timber based panel product (OSB)
- STEICOjoist
- STEICOflex 120 mm
- Trickle protection
- Batten
- Plasterboard

Legend:

1	Joint sealing tape
2	Metal sheet upstand
3	Drainage channel cover, height adjustable
4	Protective plate in front of seal
5	Coated aluminium dovetail connector
6	Glulam rimboard
7	STEICOtherm as core insulation
8	Anchorage above angle connector
9	Drip edge
10	Joint sealing tape
11	Trowelled joist
12	Vapour barrier in connection areas
13	STEICO LVL Laminated Veneer Lumber
14	Airtight window installation (DIN 4108-7)
15	STEICOflex 240 mm in connection area
16	Insulation wedge
17	Raffstore- guide rail

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Raffstore - Doors - Vertical section with reveal board - Level threshold (balcony)

Datum: 02-04-2015

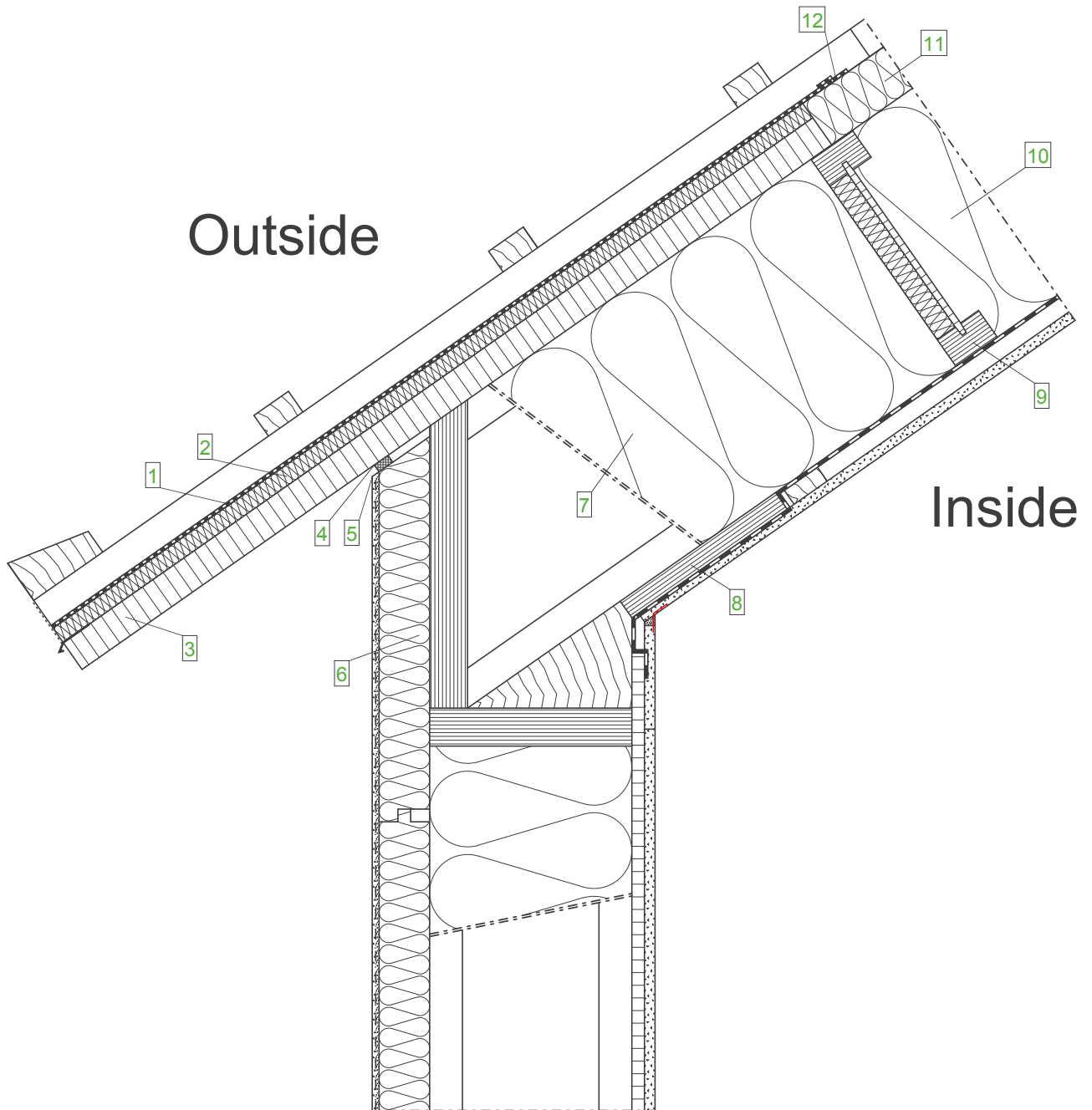
Detailnummer: AW-WDVS-HRB-5-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOzell
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmulti UDB (only in eaves zone) |
| 2 | STEICOuniversal 22 mm, assembled on site |
| 3 | STEICO LVL-X 39 mm with surface treatment, on site fitted projecting roof board |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOprotect H, adjusted on site |
| 7 | STEICOflex in assembled frame |
| 8 | STEICO LVL X sheat cleat |
| 9 | I-Joist as studs |
| 10 | STEICOzell in insulation zone |
| 11 | STEICOuniversal 60 mm, factory assembled |
| 12 | STEICOmulti tape + STEICOmulti primer |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02-04-2015

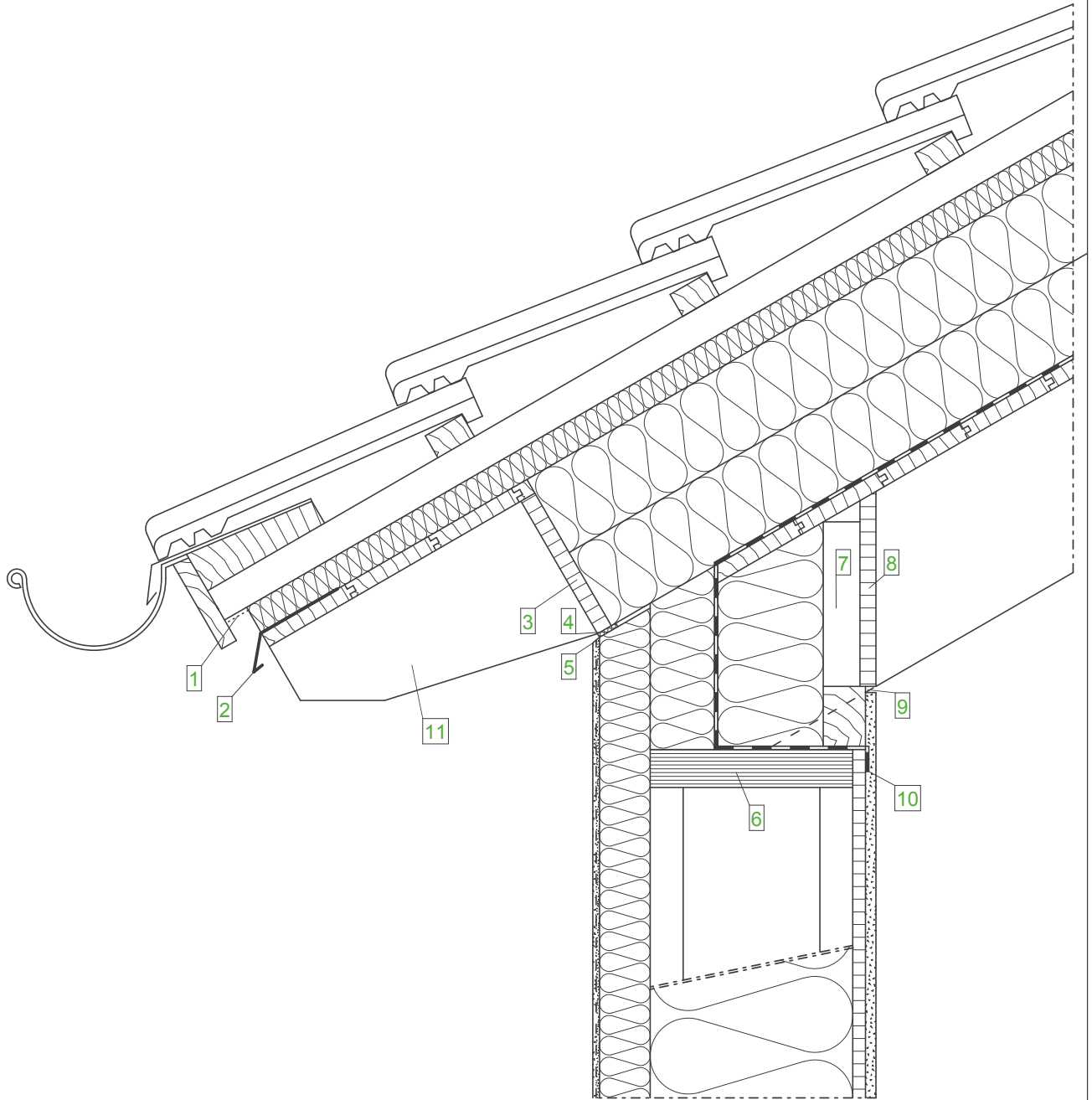
Detailnummer: AW-WDVS-HRB-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOProtect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panel (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Angled timber for connecting the blocking panel |
| 8 | Blocking panel on room side |
| 9 | Shadow joint |
| 10 | STEICOMulti tape |
| 11 | Tilting fillet |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02-04-2015

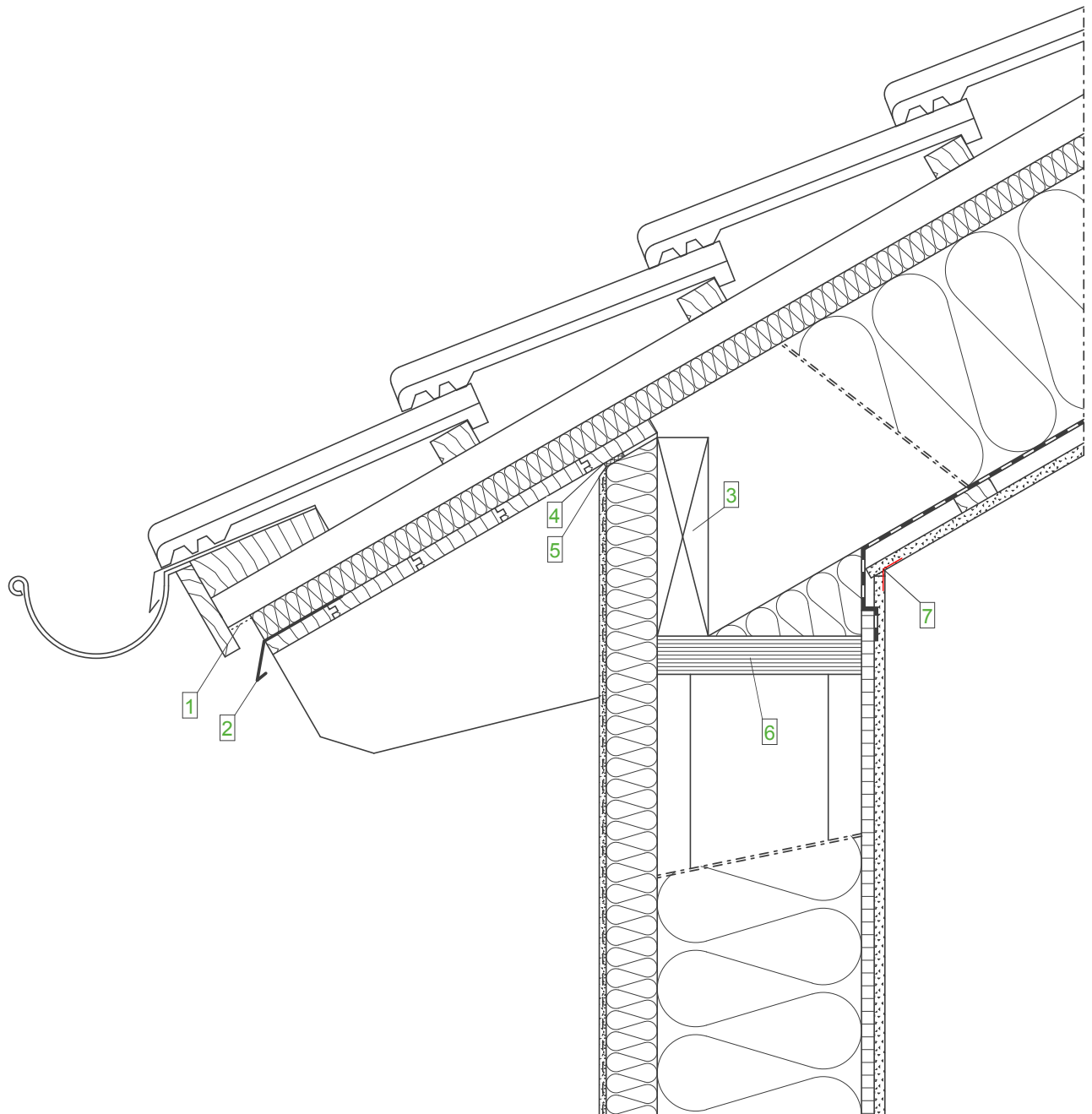
Detailnummer: AW-WDVS-HRB-6-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking between the rafters |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02-04-2015

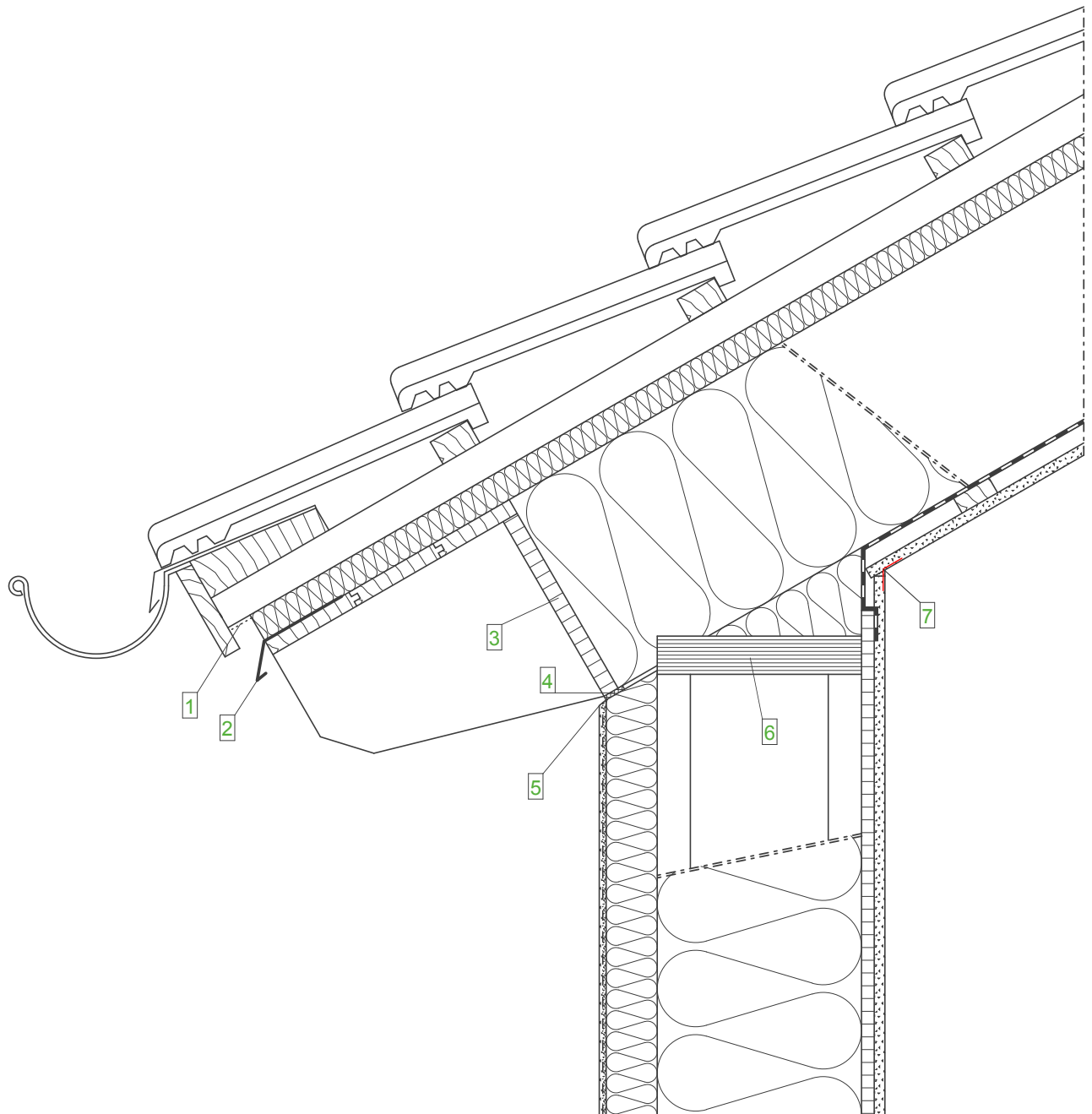
Detailnummer: AW-WDVS-HRB-6-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band fill |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

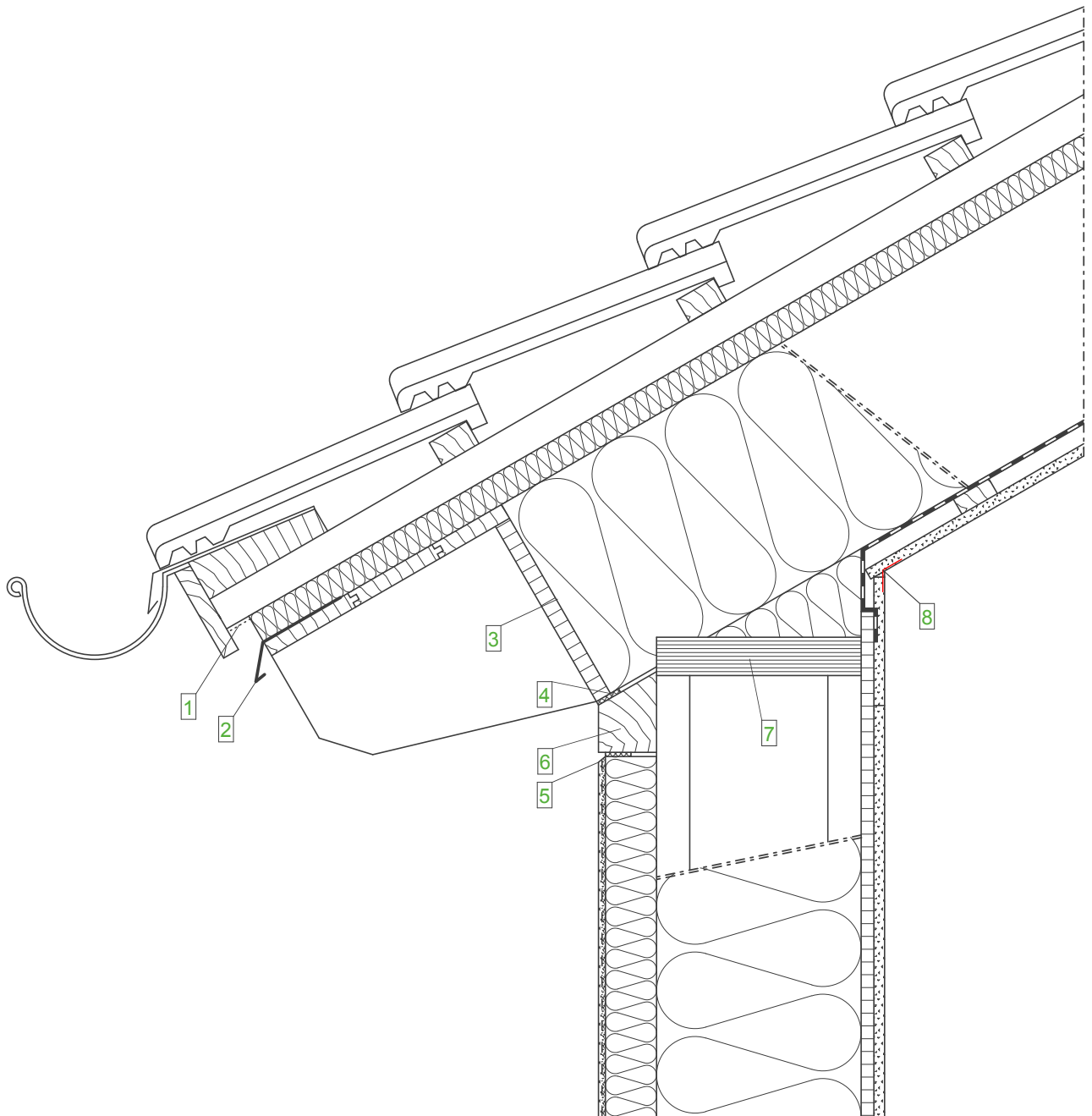
Detailnummer: AW-WDVS-HRB-6-40

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | End timber |
| 7 | STEICO LVL Laminated Veneer Lumber |
| 8 | Paper joint re-inforcement band fill |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, with end timber (element assembly)

Datum: 02-04-2015

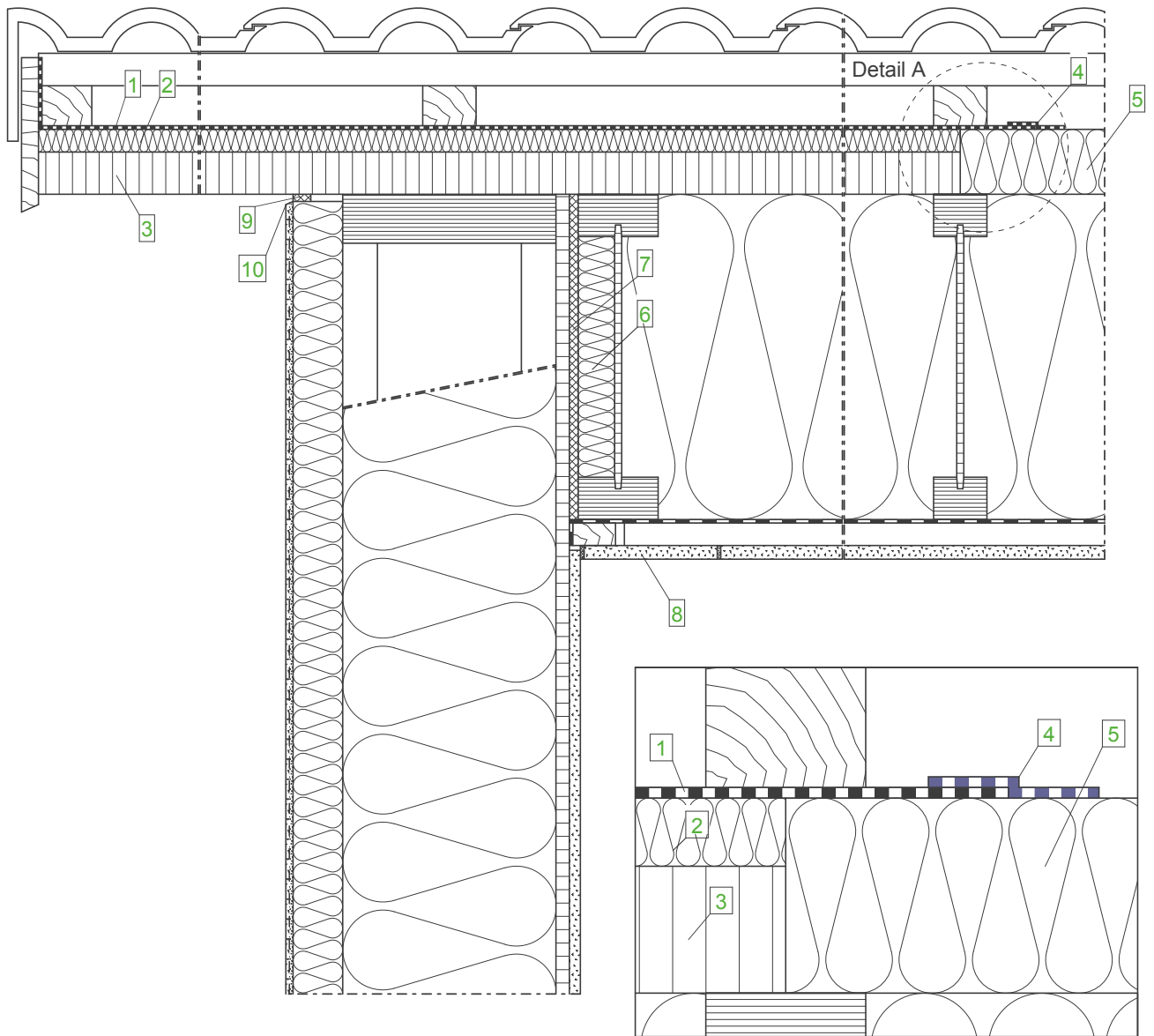
Detailnummer: AW-WDVS-HRB-6-50

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



Detail A, M 1:2,5

**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOzell
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

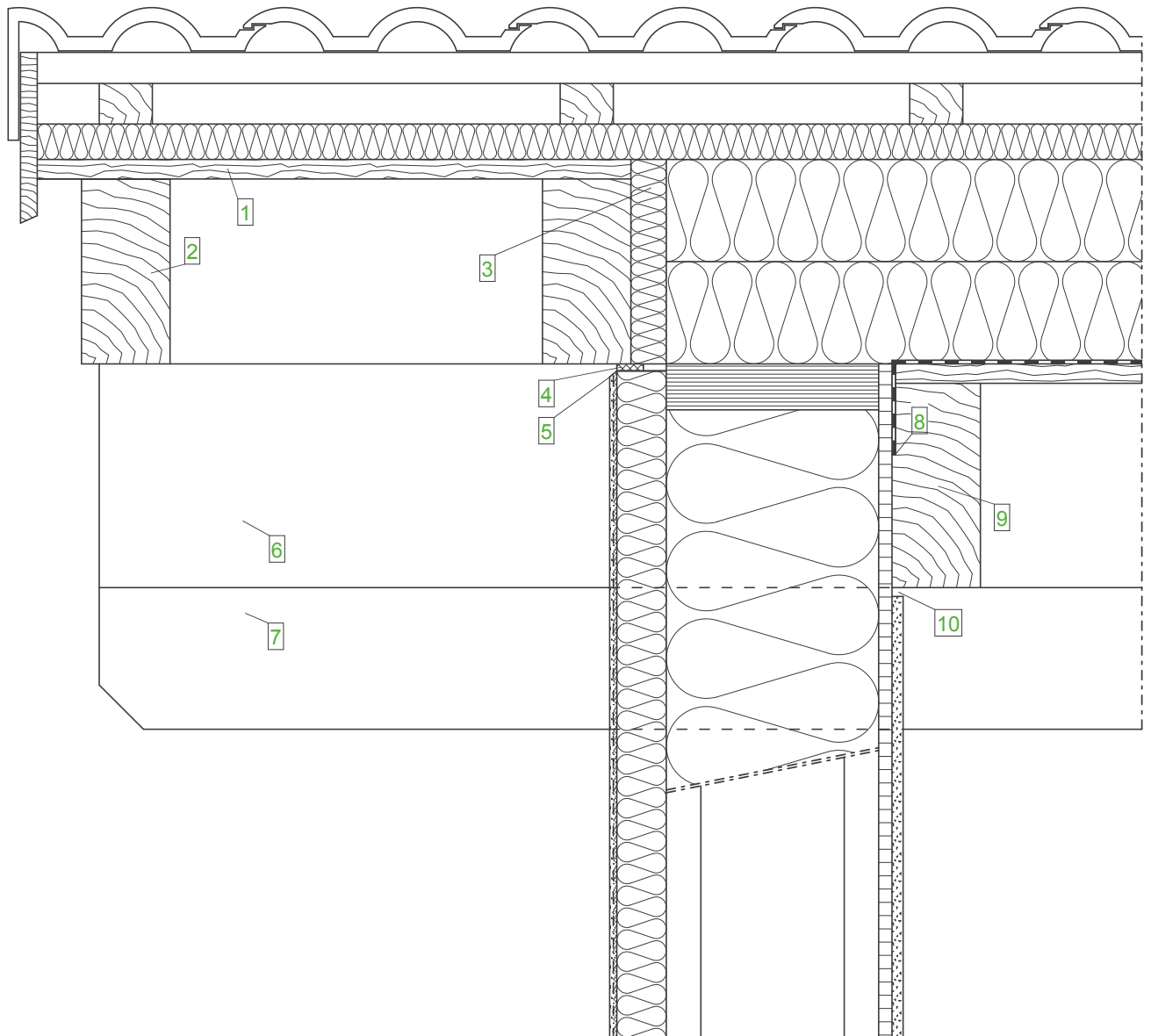
Legend:

- | | |
|----|---|
| 1 | STEICOmultip UDB (only in verge area) |
| 2 | STEICOuniversal 22 mm |
| 3 | STEICO LVL-X 39 mm with surface treatment |
| 4 | STEICOmultip tape + STEICOmultip primer |
| 5 | STEICOuniversal 60 mm on the roof surface |
| 6 | Web insulation |
| 7 | Compressible insulation at connection |
| 8 | Mounting cover |
| 9 | Joint sealing tape |
| 10 | Trowelled joist |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)			
Datum: 02-04-2015	Detailnummer: AW-WDVS-HRB-6-60		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Visible verge sheathing |
| 2 | Visible projecting roof rafter |
| 3 | End of insulation layer, windproofness |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Purlin doubling |
| 7 | Purlin |
| 8 | STEICOmulti tape |
| 9 | Visible rafter |
| 10 | Shadow joint |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation

Datum: 02-04-2015

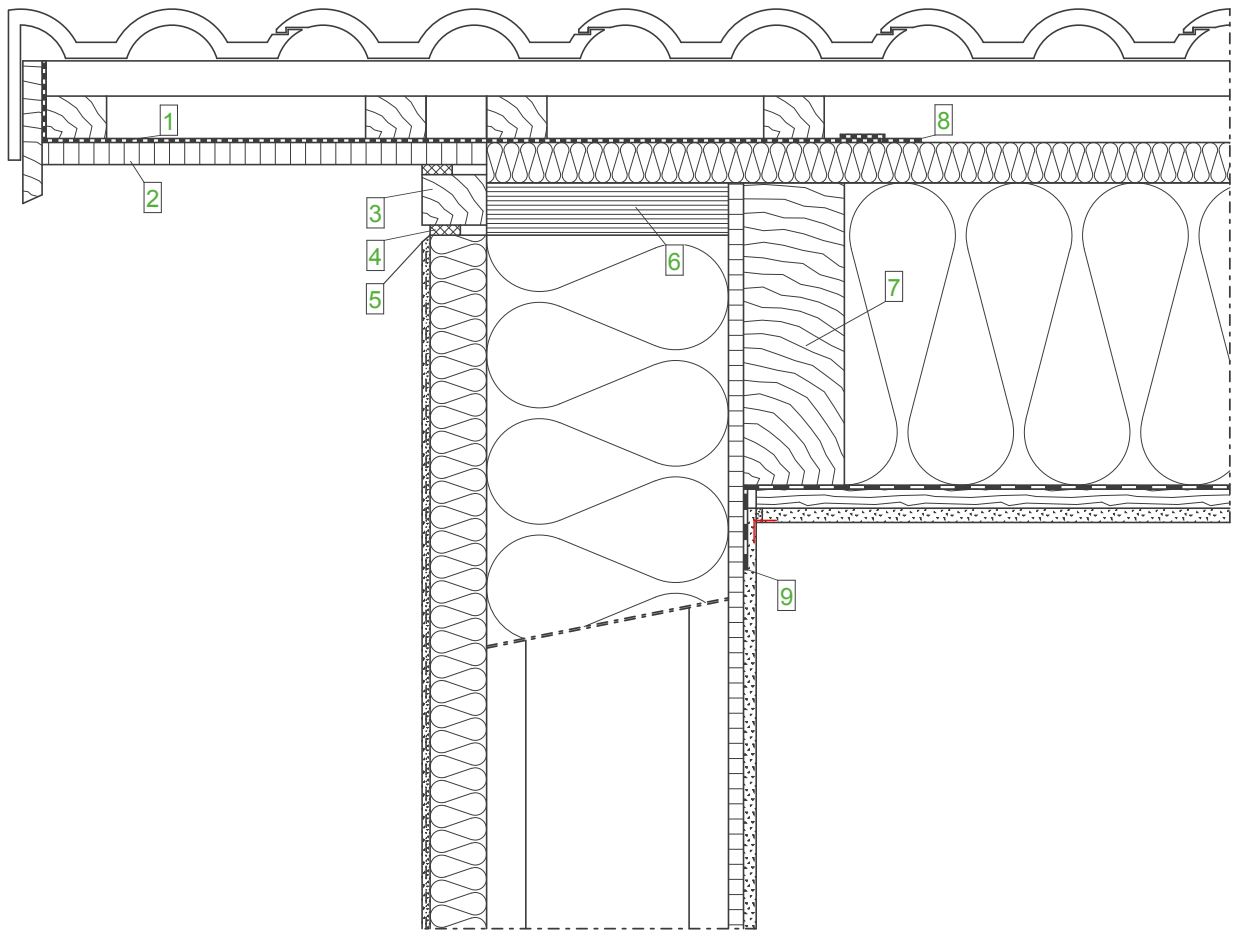
Detailnummer: AW-WDVS-HRB-6-70

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | Visible soffit board |
| 3 | End timber |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Solid wood rafter or optional STEICOjoist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | STEICOMulti tape |

Important Note:

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Roof - Transitions - Verge, with end timber (element assembly)

Datum: 02-04-2015

Detailnummer: AW-WDVS-HRB-6-80

Änderung: 04-04-2017

Bearbeiter: A. Luz

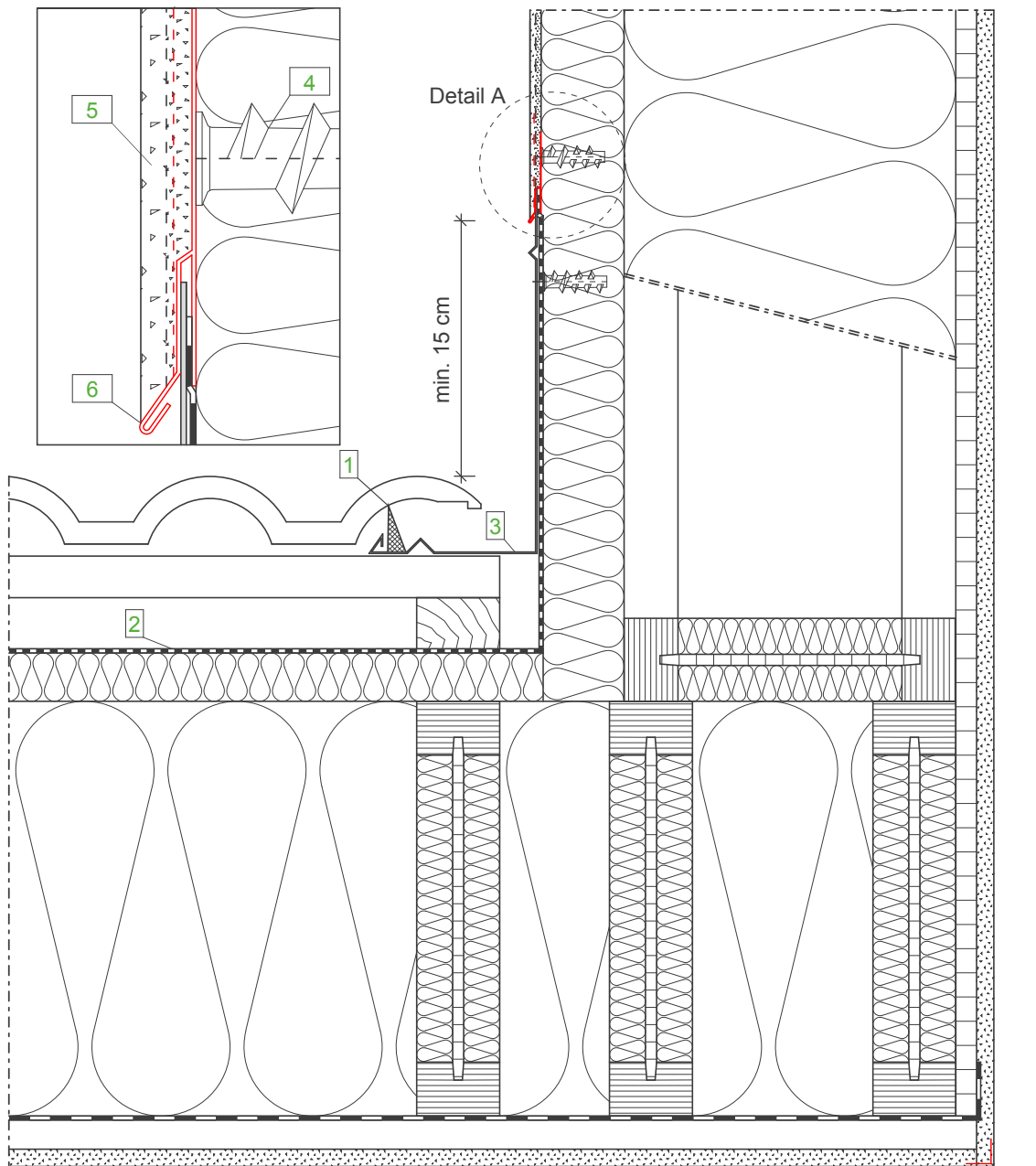
Maßstab: 1 : 7.5

STEICO
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Outside

Inside

Detail A, M 1:1



Wall construction (Gable)
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Foam wedge |
| 2 | Taping, roofing felt in connection area |
| 3 | Metal sheet as gutter |
| 4 | Screw plug |
| 5 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 6 | Metal connection profile |
| 7 | Corner angle |

Important Note:

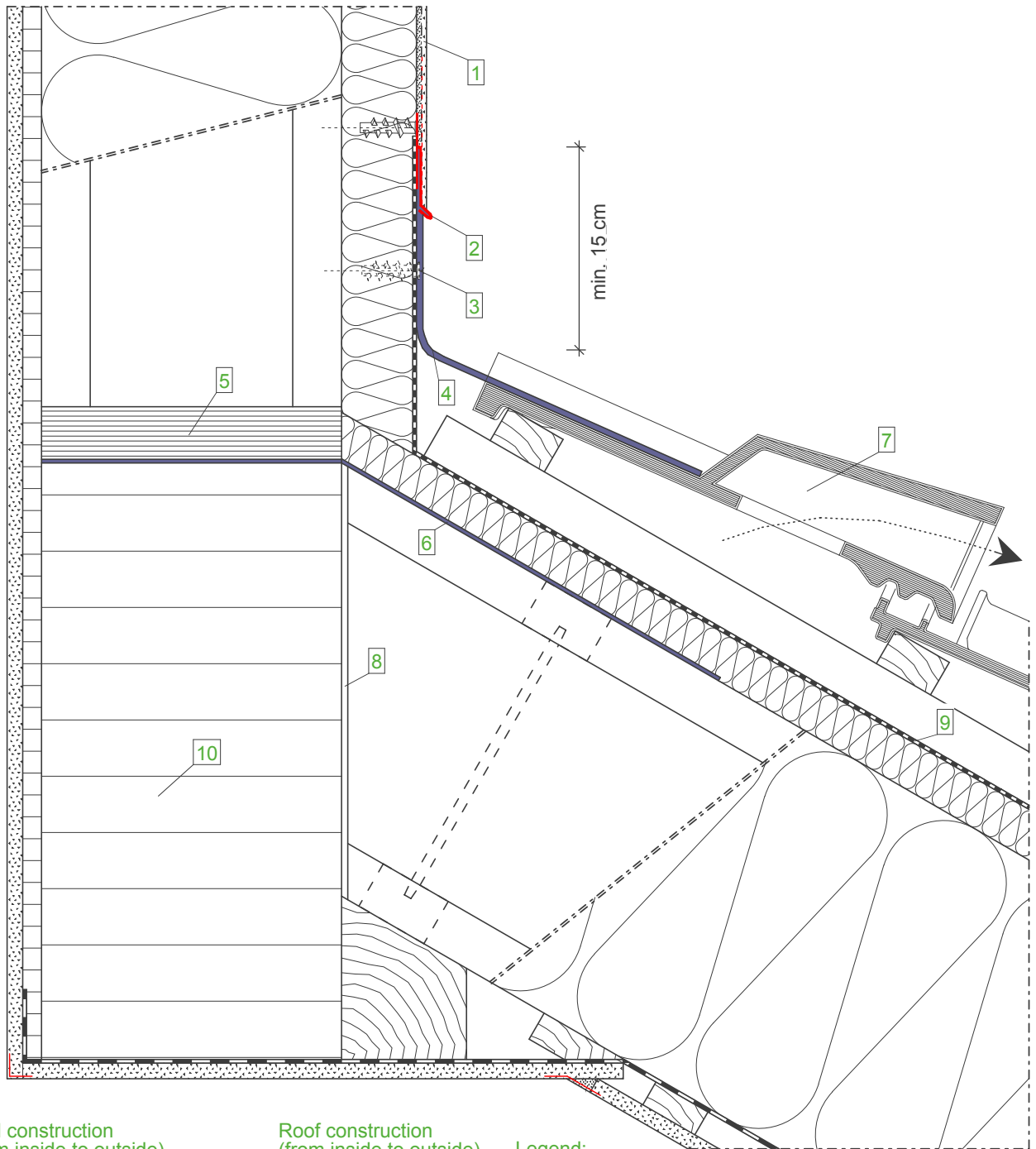
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Gable cheek, continuous wall		
Datum: 23-03-2015	Detailnummer: AW-WDVS-HRB-6-90	
Änderung: 22-03-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0



Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 2 | Metal connection profile |
| 3 | Screw plug |
| 4 | Wall connection tape metal sheet upstand with lapped lead |
| 5 | STEICO LVL Laminated Veneer Lumber |
| 6 | Tension strap (14° - 45°) |
| 7 | Vented tile |
| 8 | Air gap ca. 5 mm |
| 9 | Roofing felt in connection area, taped with STEICOMulti tape |
| 10 | Glulam beam |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Connection to single pitch roof without rear ventilation

Datum: 23-03-2015

Detailnummer: AW-WDVS-HRB-6-100

Änderung: 30-03-2017

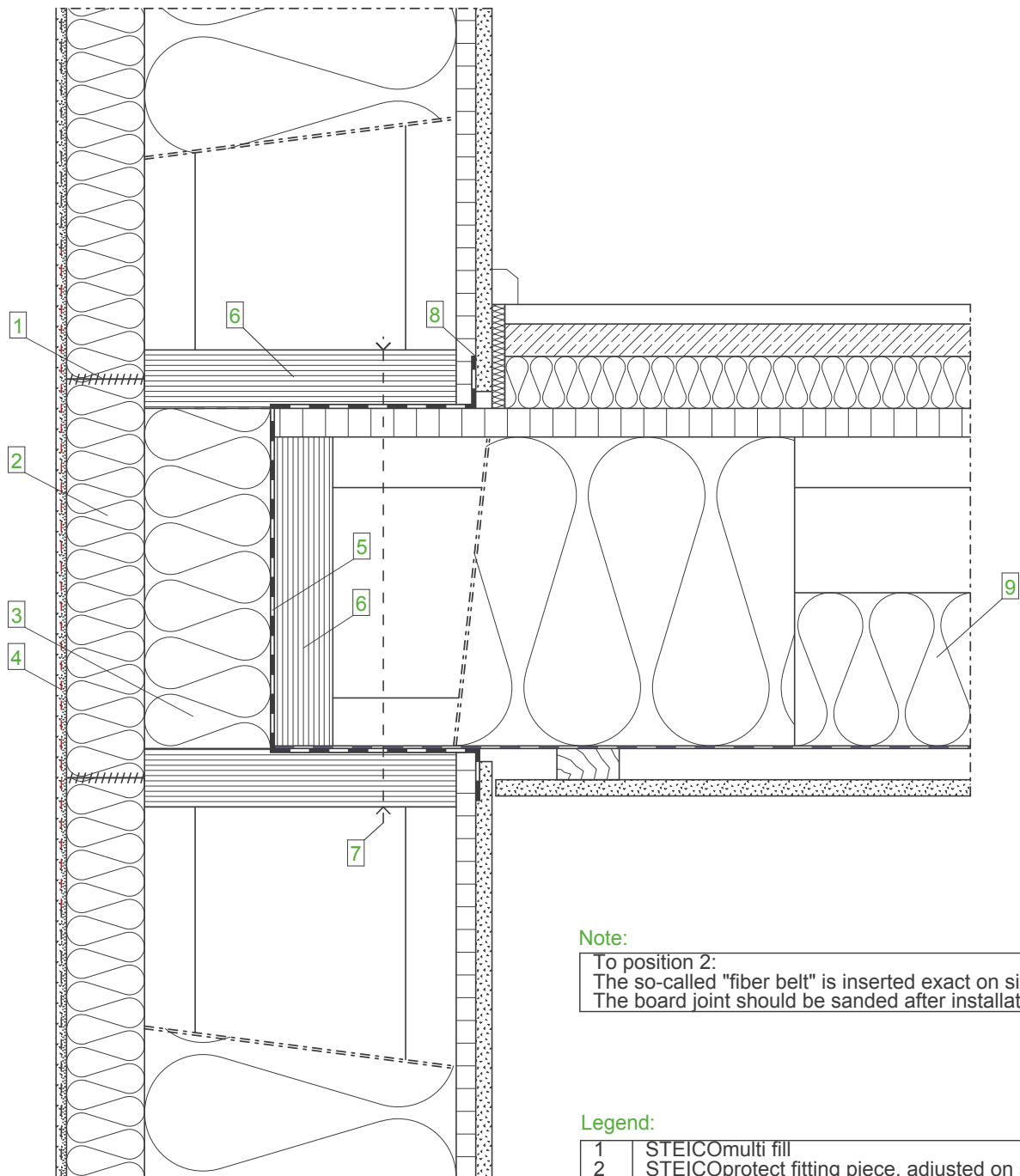
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
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Outside

Inside



Note:

To position 2:
The so-called "fiber belt" is inserted exact on site.
The board joint should be sanded after installation.

Legend:

- | | |
|---|--|
| 1 | STEICOMulti fill |
| 2 | STEICOprotect fitting piece, adjusted on site |
| 3 | STEICOtherm as edge side insulation |
| 4 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 5 | Vapour barrier in connection areas |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Tension and compression resistant connection (to structural requirements) |
| 8 | Taping, airtight connection |
| 9 | STEICOflex 120 mm |

Wall construction (from inside to outside)


- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Dry screed 25 mm
- STEICOtherm 40 mm
- timber based panel product (OSB)
- STEICOjoist + STEICOflex
- Trickle protection
- Batten
- Plasterboard

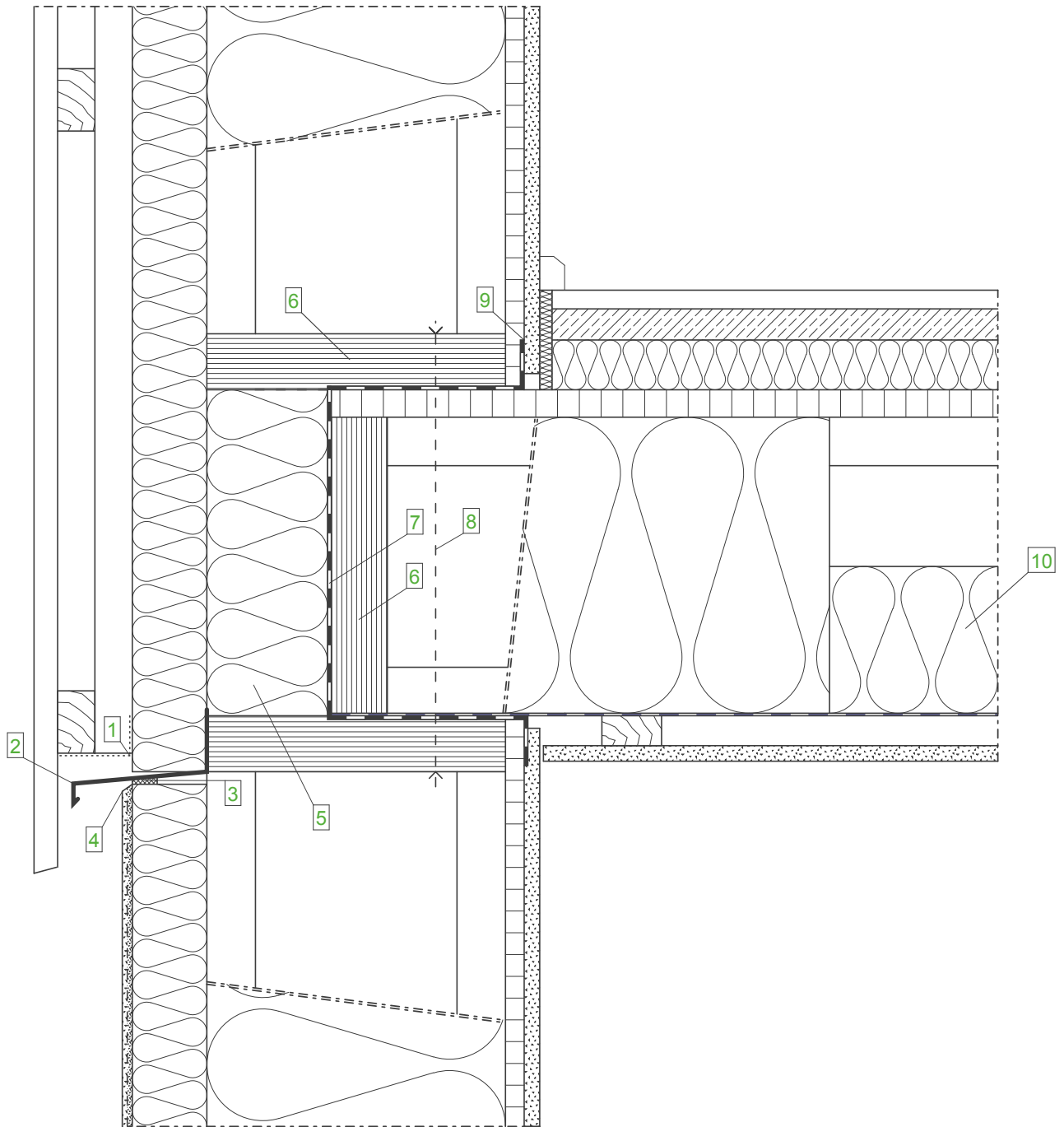
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Ceiling - Transitions - Continuous render layer - Fiber belt		
Datum: 02-04-2015	Detailnummer: AW-WDVS-HRB-7-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0
		

Outside

Inside



**Wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- T+G - sheathing vertical + Support batten + Counter batten
- Basement:
Approved plaster system

**Ceiling construction
(from top to bottom)**

- Floor covering
- Dry screed 25 mm
- STEICOtherm 40 mm
- Timber based panel product (OSB)
- STEICOjoist + STEICOflex
- Trickle protection
- Batten
- Plasterboard

Legend:

1	Insect screen
2	Drip plate
3	Joint sealing tape
4	Trowelled joist
5	STEICOtherm as edge side insulation
6	STEICO LVL Laminated Veneer Lumber
7	Vapour barrier in connection areas
8	Tension and compression resistant connection (to structural requirements)
9	STEICOmultip tape
10	STEICOflex 120 mm

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Ceiling - Transitions - Transition to rear ventilated facade

Datum: 02-04-2015

Detailnummer: AW-WDVS-HRB-7-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
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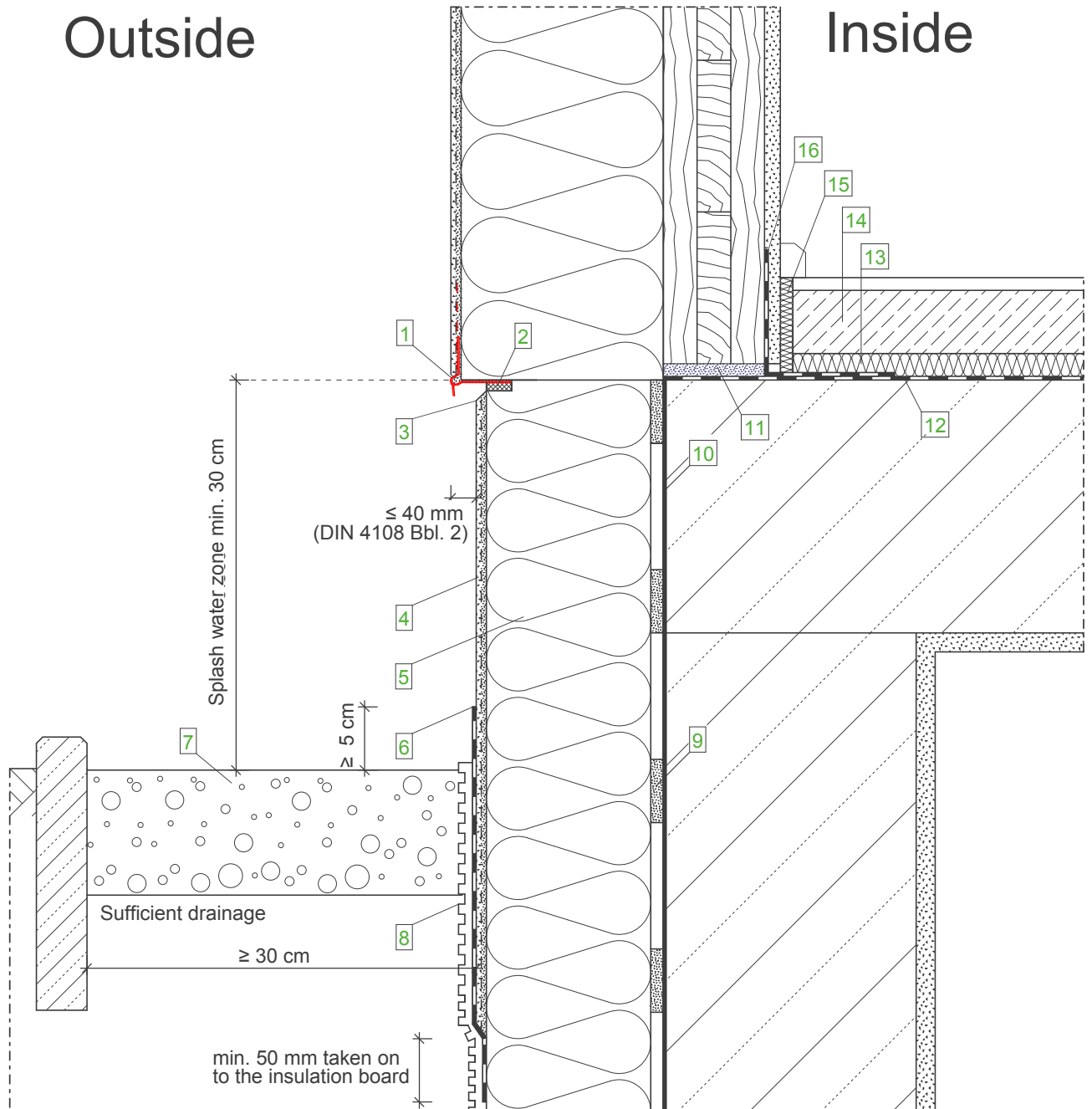
External wall - ETICS - CLT wall

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	CLT wall	8.00
3	STEICOprotect, fixed with plate washers	16.00
4	Approved plaster system	0.80

Outside

Inside



Wall construction (from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect, fixed with plate washers
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Perimeter insulation
6	Flexible, mineral render sealing
7	Gravel bed, grain size min. 16/32
8	Protective layer, e.g. dimpled drainage layer
9	Mortar resin suitable for weathering protection
10	Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level
11	Swelling mortar/ mortar bed
12	Bituminous sheeting
13	STEICOtherm
14	Wet screed
15	STEICOsoundstrip
16	Airtight tape

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - New build - Heated basement - Ground level below top edge of concrete ceiling

Datum: 12-03-2015

Detailnummer: AW-WDVS-MH-1-10

Änderung: 04-04-2017

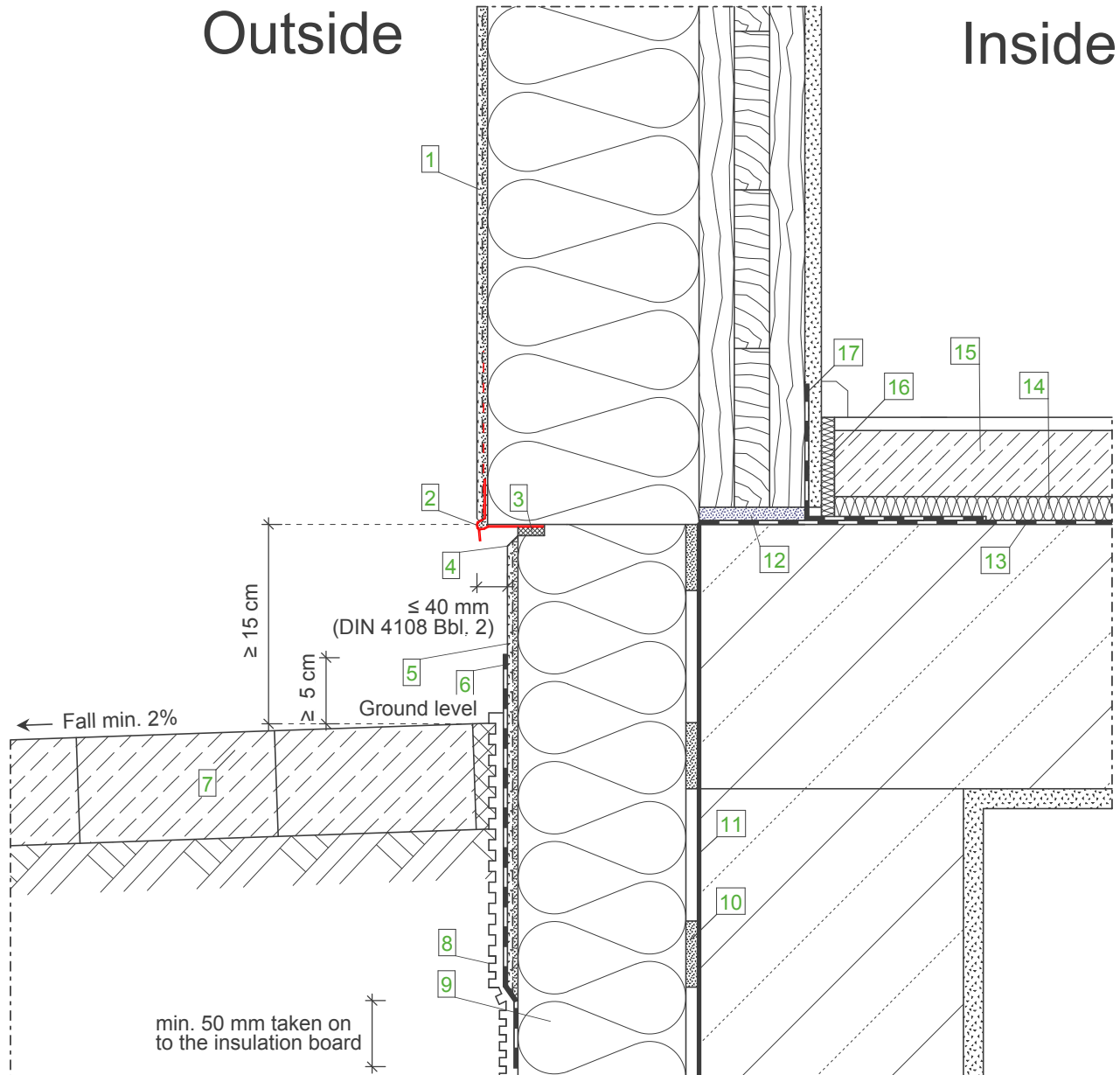
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside

Inside



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joint |
| 5 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 6 | Flexible, mineral render sealing |
| 7 | Finished floor covering (= water-carrying layer) min. 2% fall |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Perimeter insulation |
| 10 | Mortar resin suitable for weathering protection |
| 11 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 12 | Swelling mortar/ mortar bed |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Airtight tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - CLT wall min. 15 cm over terrain top edge (min. 2% fall)

Datum: 12-03-2015

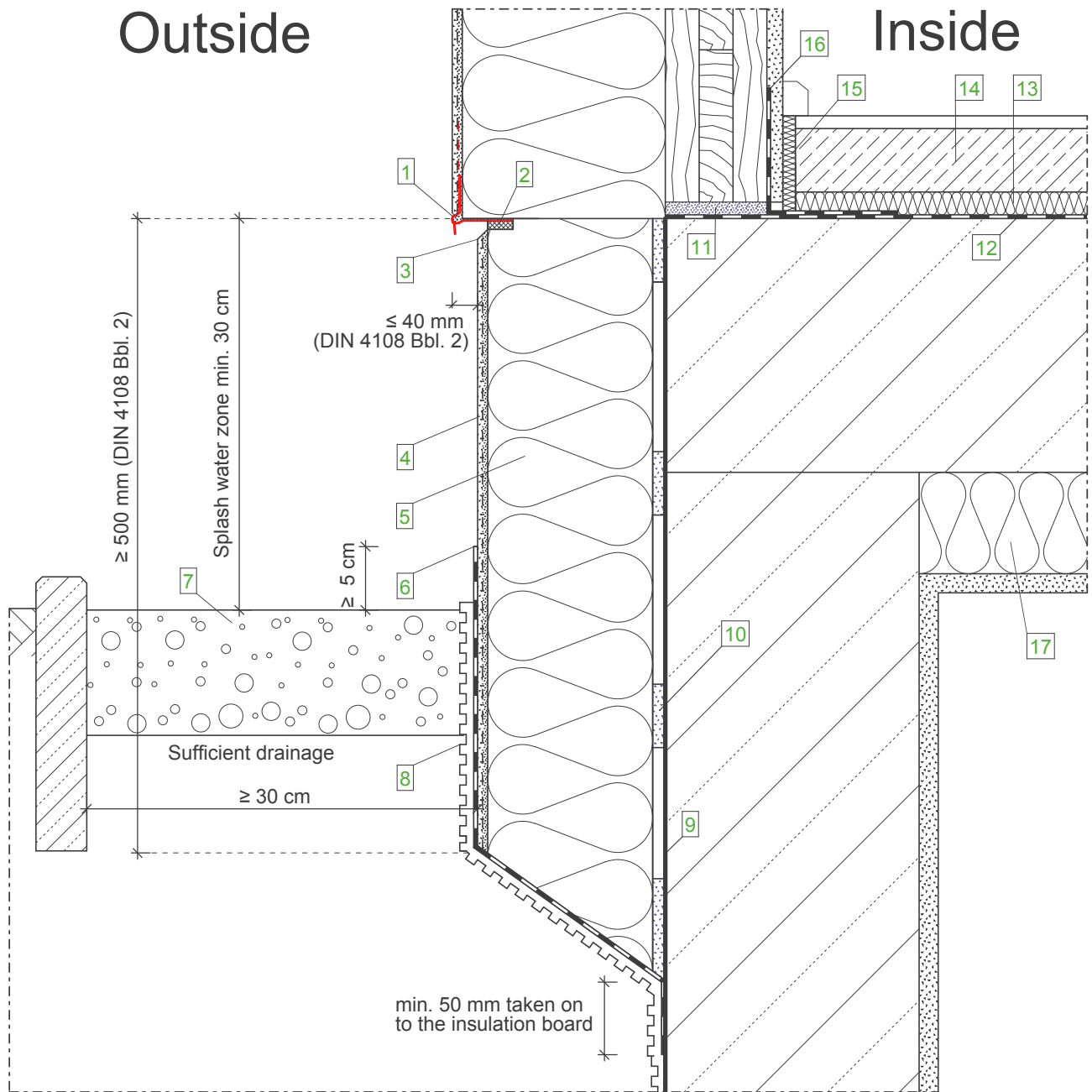
Detailnummer: AW-WDVS-MH-1-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Legend:

Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
- in connection area airtight tape
- STEICOprotect, fixed with plate washers
- Approved plaster system

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Trowelled joist |
| 4 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 5 | Perimeter insulation |
| 6 | Flexible, mineral render sealing |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Protective layer, e.g. dimpled drainage layer |
| 9 | Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level |
| 10 | Mortar resin suitable for weathering protection |
| 11 | Swelling mortar/ mortar bed |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Airtight tape |
| 17 | Basement ceiling insulation in accordance with requirements |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Un-heated basement - Ground level below top edge of concrete ceiling

Datum: 12-03-2015

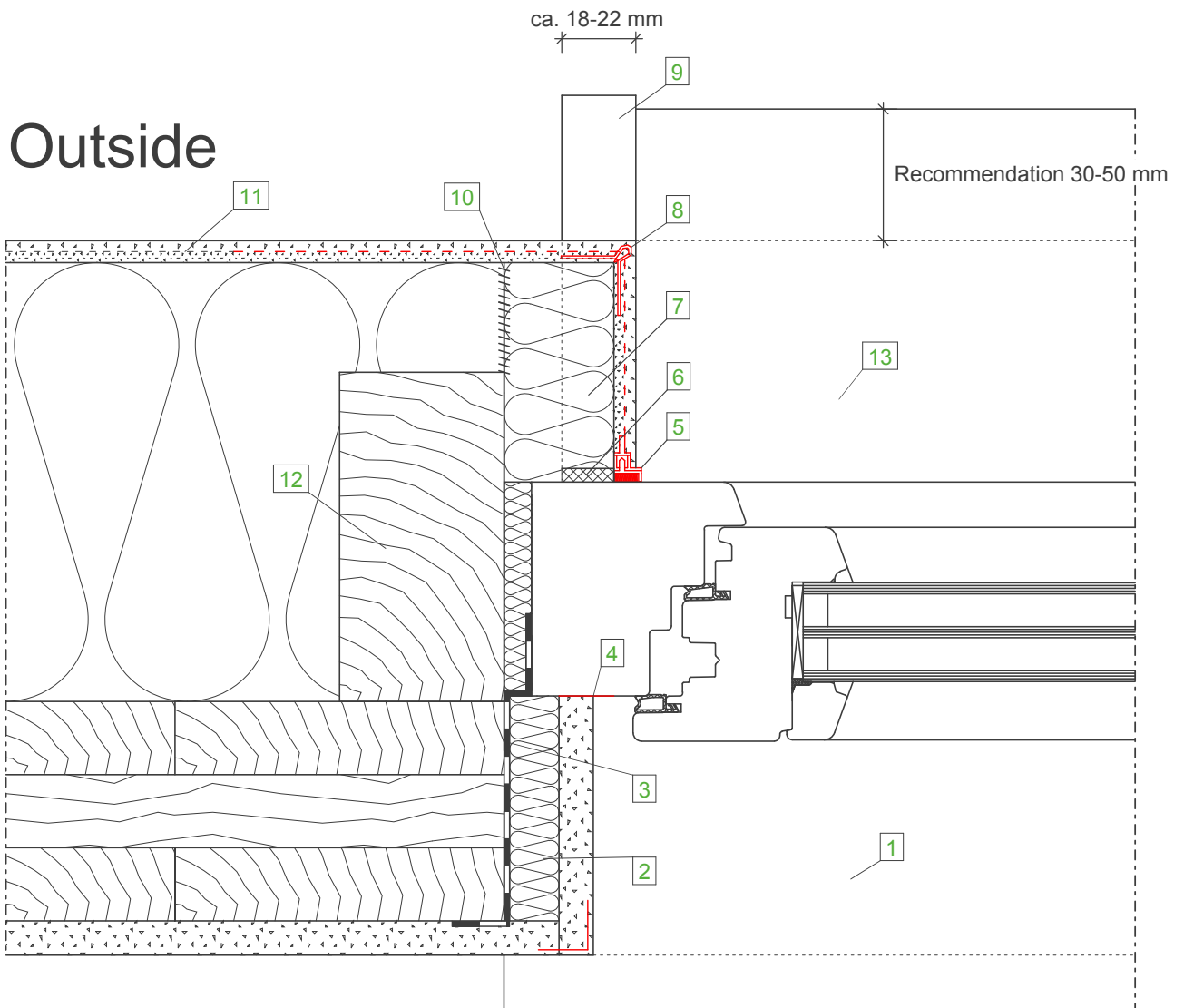
Detailnummer: AW-WDVS-MH-1-30

Änderung: 07-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Window sill inside |
| 2 | STEICObase |
| 3 | Airtight window installation (DIN 4108-7) |
| 4 | Separating strips |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOprotect H reveal board |
| 8 | Mesh corner angle |
| 9 | End profile for ETICS suitable |
| 10 | STEICOMulti fill |
| 11 | Surface mesh |
| 12 | Mounted frame for window connection,
also possible with i-joint |
| 13 | Aluminium window sill |

Important Note:

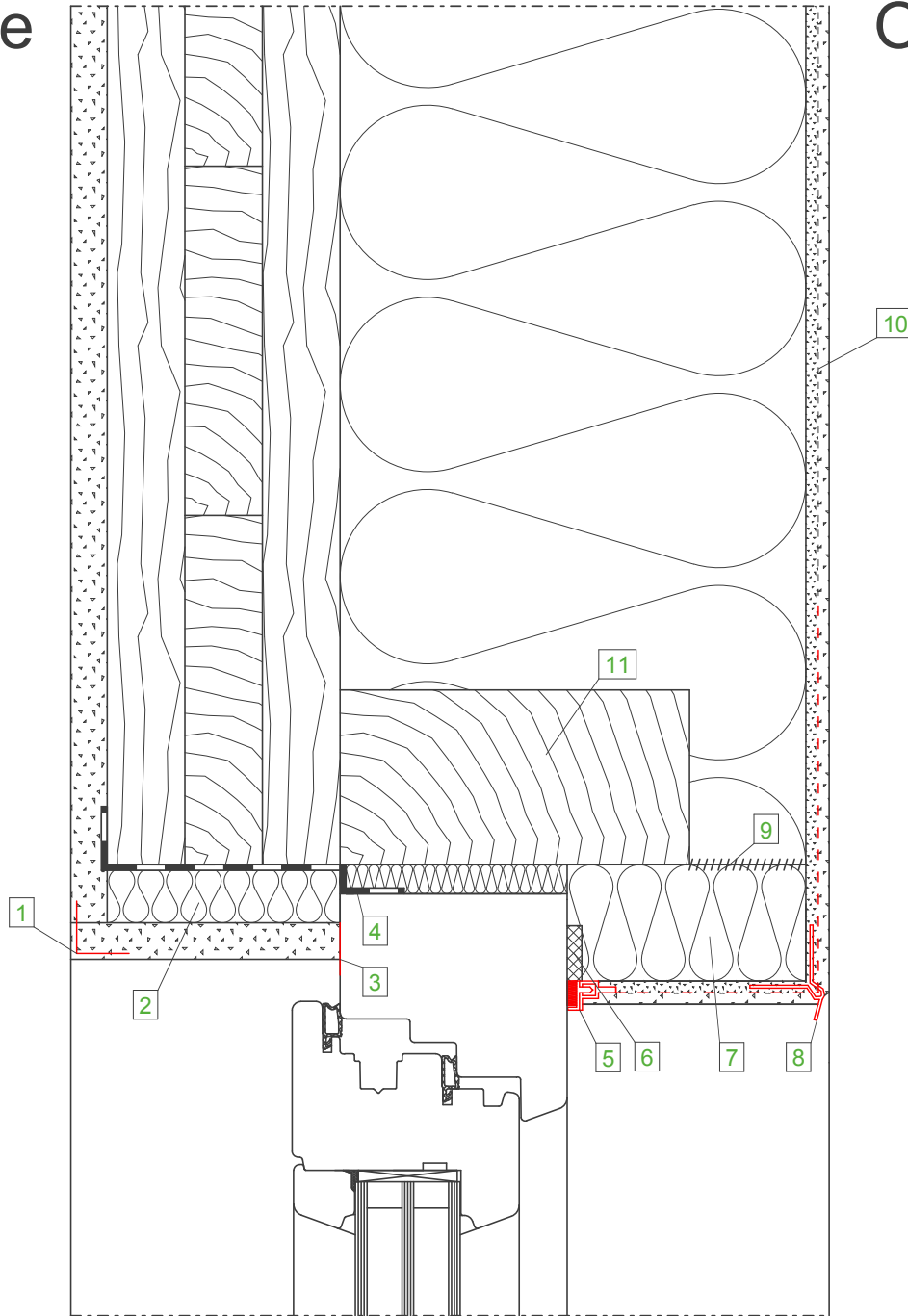
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Side connection with reveal board, horizontal section		
Datum: 06-03-2015	Detailnummer: AW-WDVS-MH-3-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 2.5



Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOProtect, fixed with
plate washers
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Corner angle |
| 2 | STEICObase |
| 3 | Separating strips |
| 4 | Airtight window installation (DIN 4108-7) |
| 5 | Clean finish render stop bead |
| 6 | Joint sealing tape |
| 7 | STEICOProtect H reveal board |
| 8 | Drip edge profile |
| 9 | STEICOMulti fill |
| 10 | Surface mesh |
| 11 | Mounted frame for window connection,
also possible with i-joist |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Upper connection with reveal board, vertical section

Datum: 11-03-2015

Detailnummer: AW-WDVS-MH-3-20

Änderung: 04-04-2017

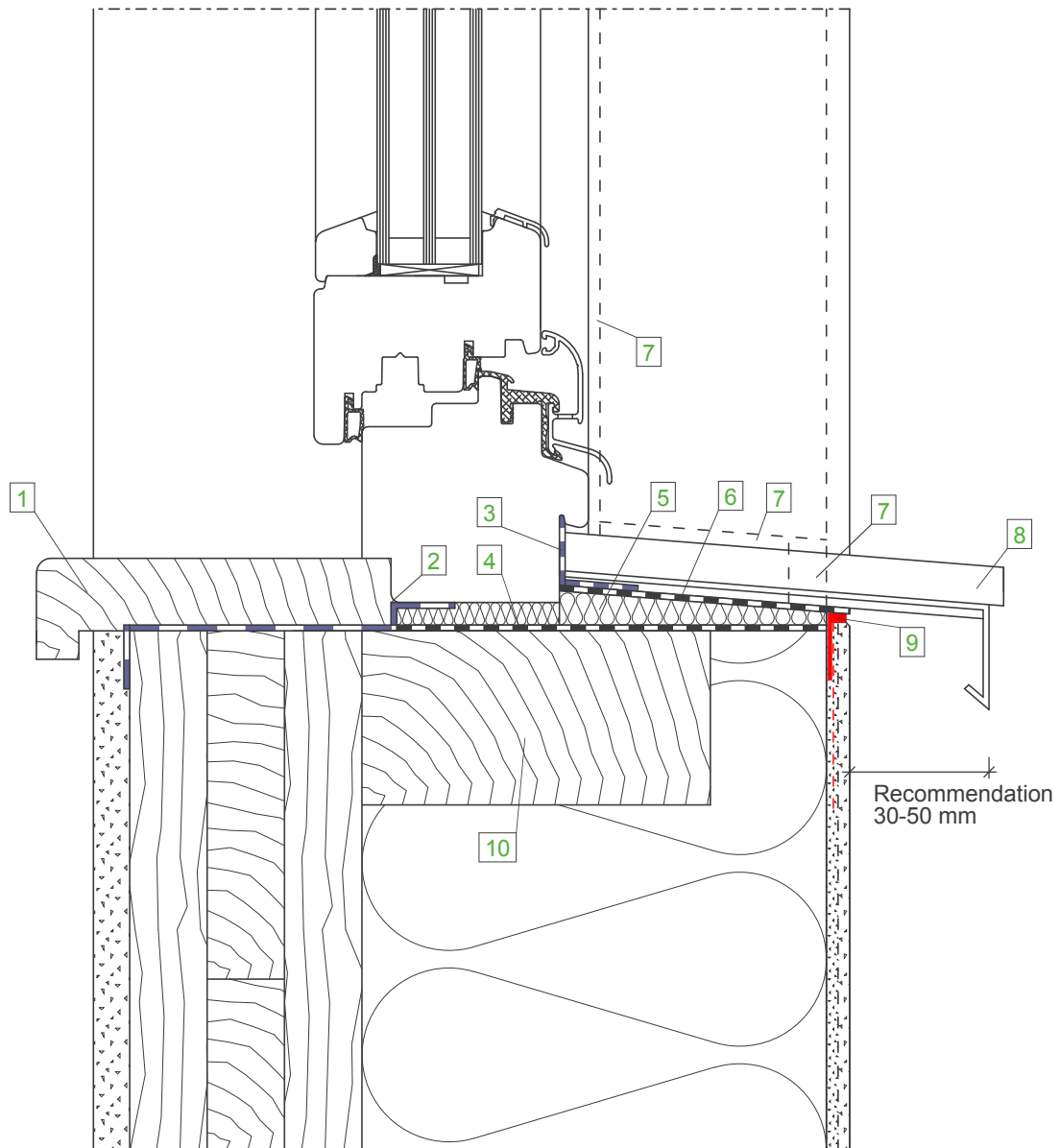
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

Legend:

- | | |
|----|--|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Render stop profile |
| 10 | Mounted frame for window connection,
also possible with i-joist |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Bottom connection with reveal board, vertical section

Datum: 12-03-2015

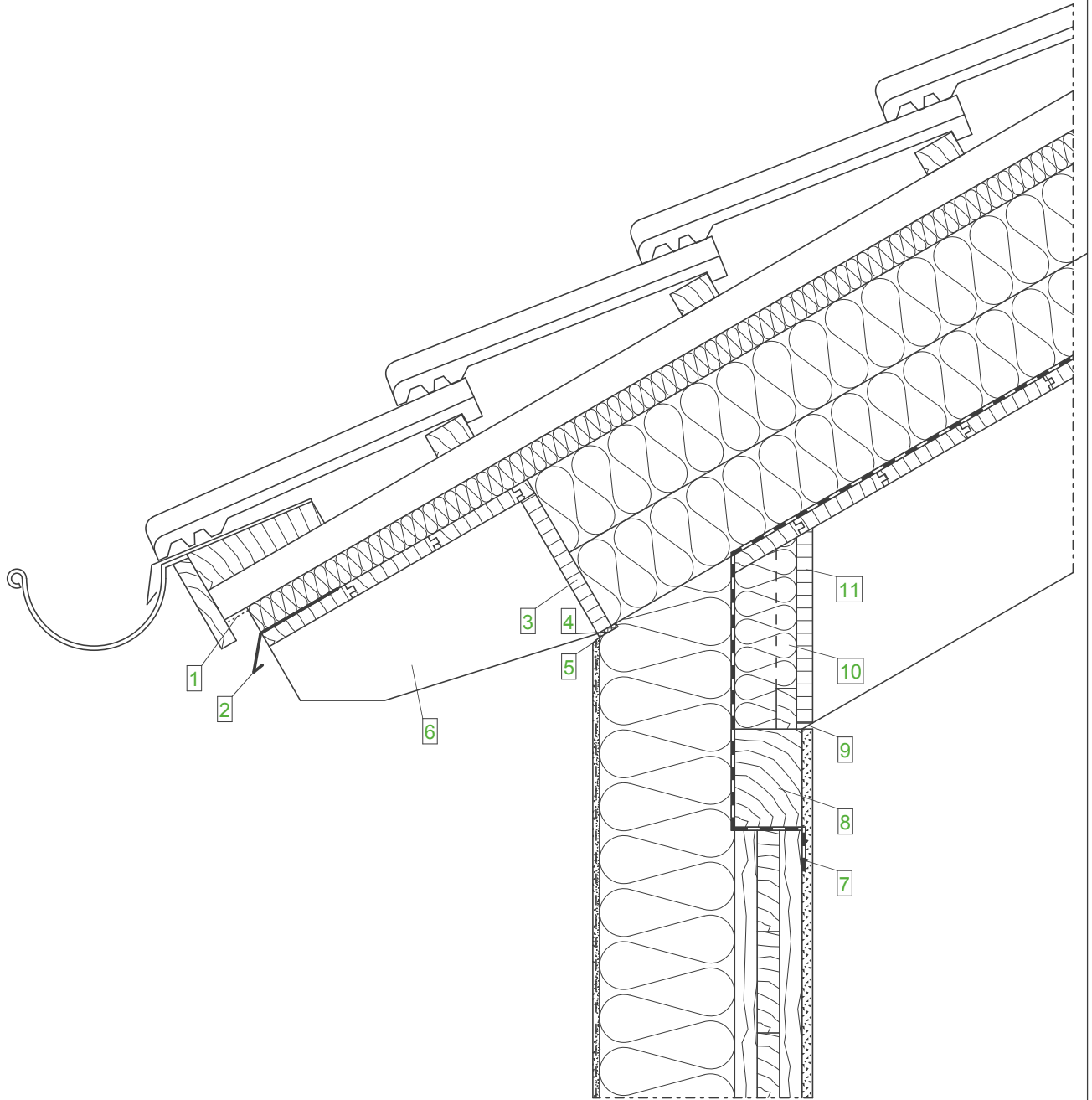
Detailnummer: AW-WDVS-MH-3-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | STEICOMulti tape |
| 8 | Threshold |
| 9 | Shadow joint |
| 10 | Angled timber for connecting
the blocking panel |
| 11 | Blocking panels on room side |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02-04-2015

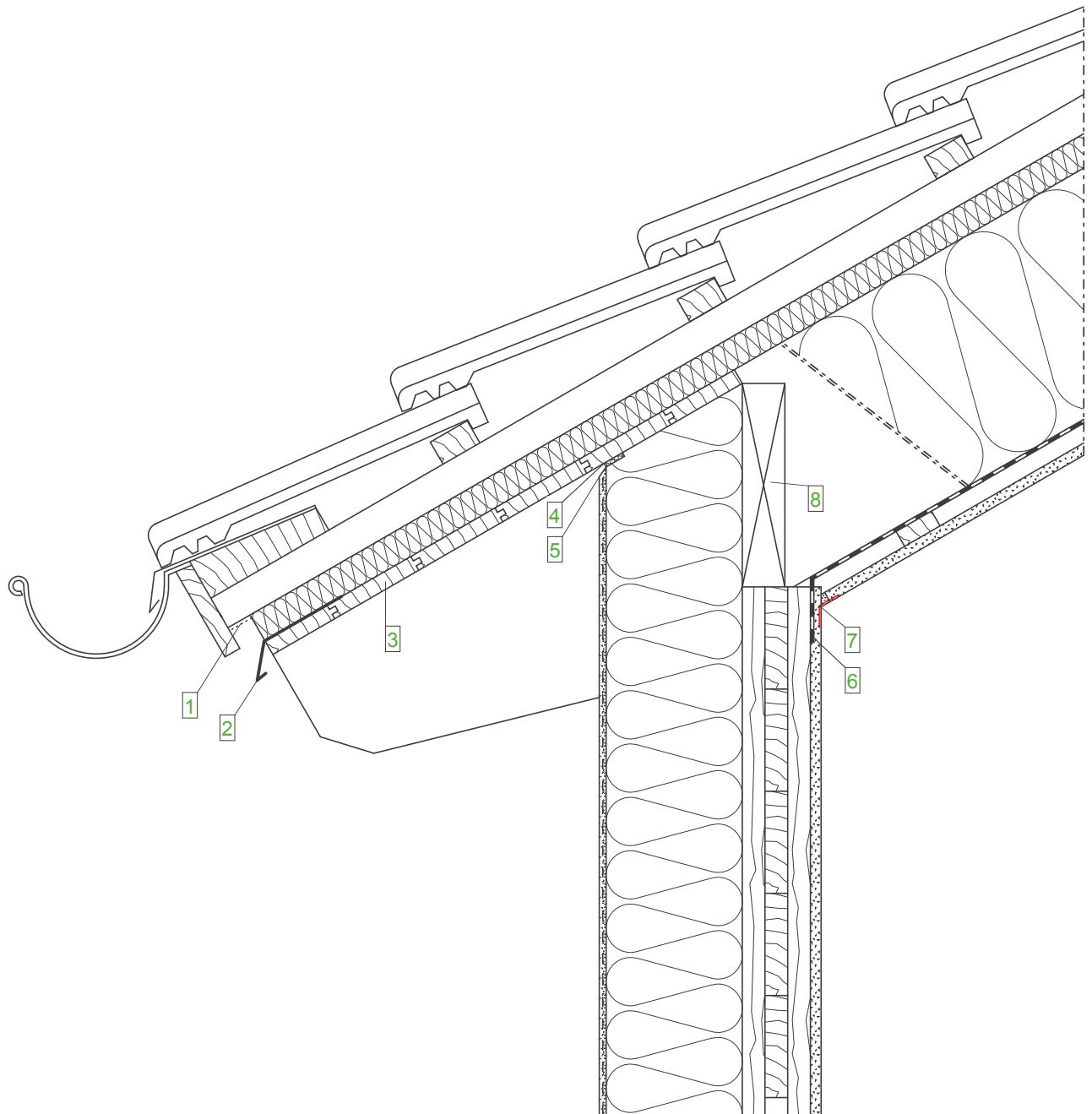
Detailnummer: AW-WDVS-MH-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid wood rafter (glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Visible eaves sheathing |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOMulti tape |
| 7 | Paper joint re-inforcement band filled |
| 8 | Batten between the rafter |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02-04-2015

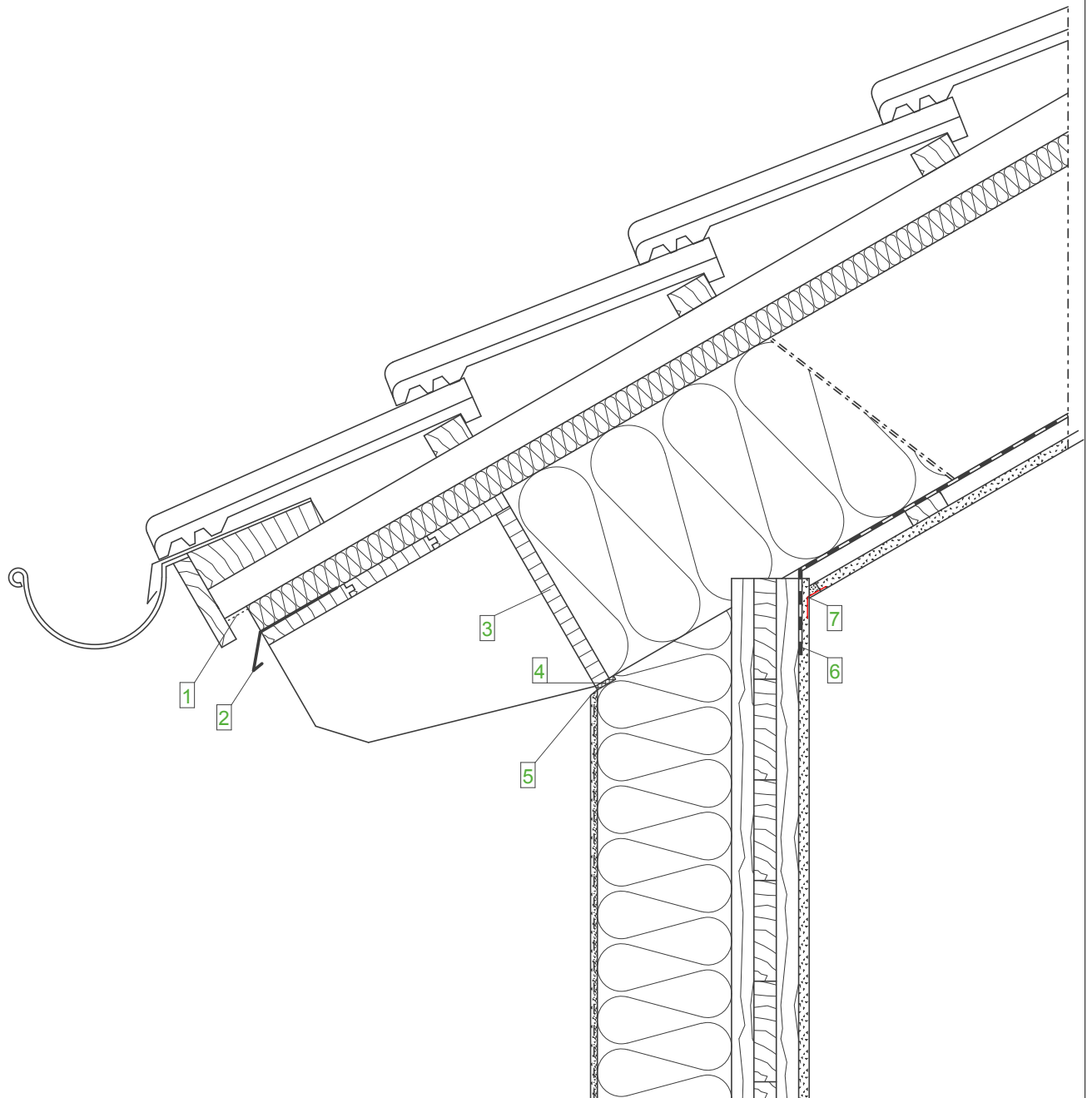
Detailnummer: AW-WDVS-MH-6-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid wood rafter (glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOmultiplex tape |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

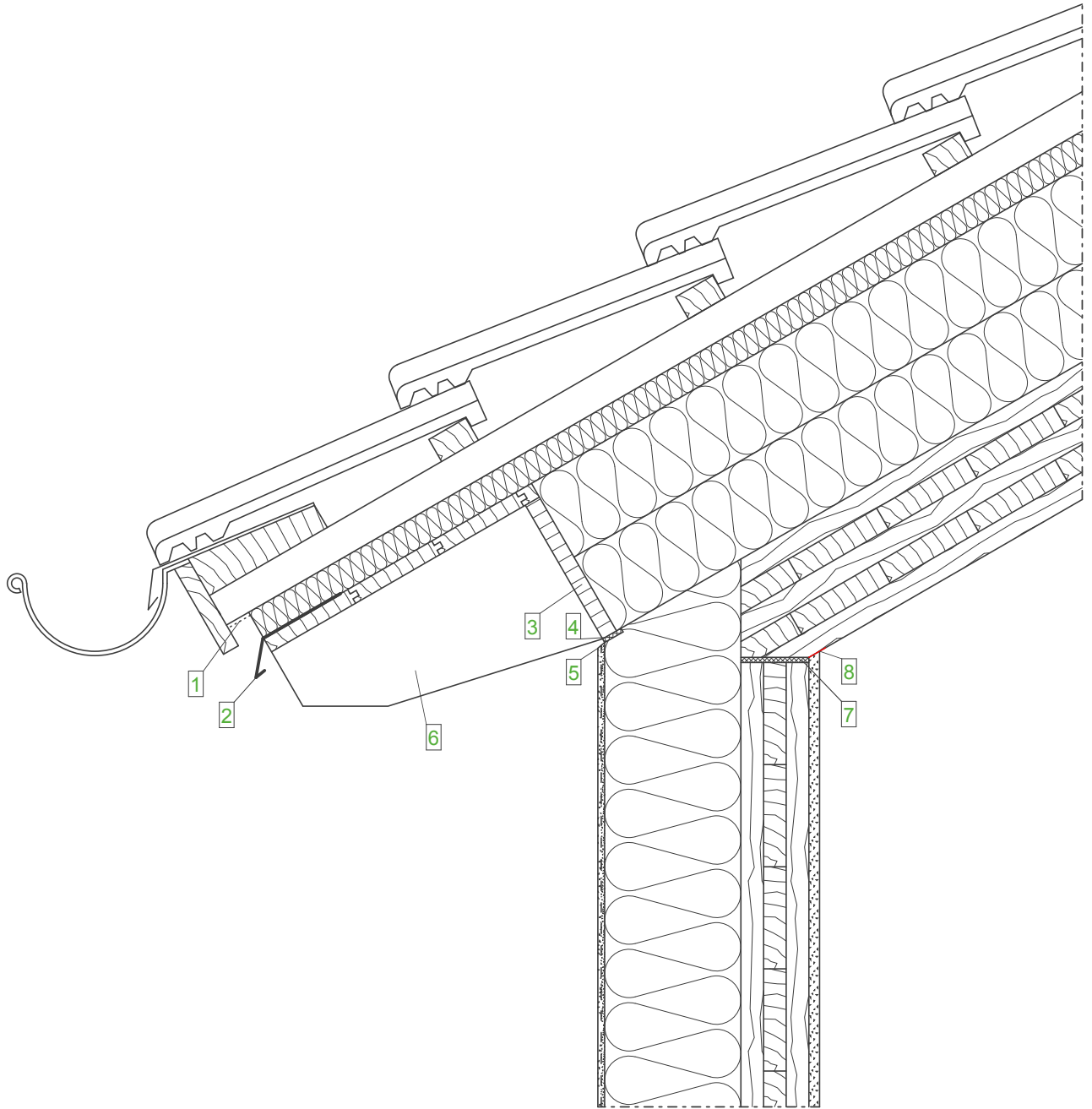
Detailnummer: AW-WDVS-MH-6-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible CLT
element
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | Sealing tape |
| 8 | Separating strips |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, CLT element, ETICS on blocking panels

Datum: 02-04-2015

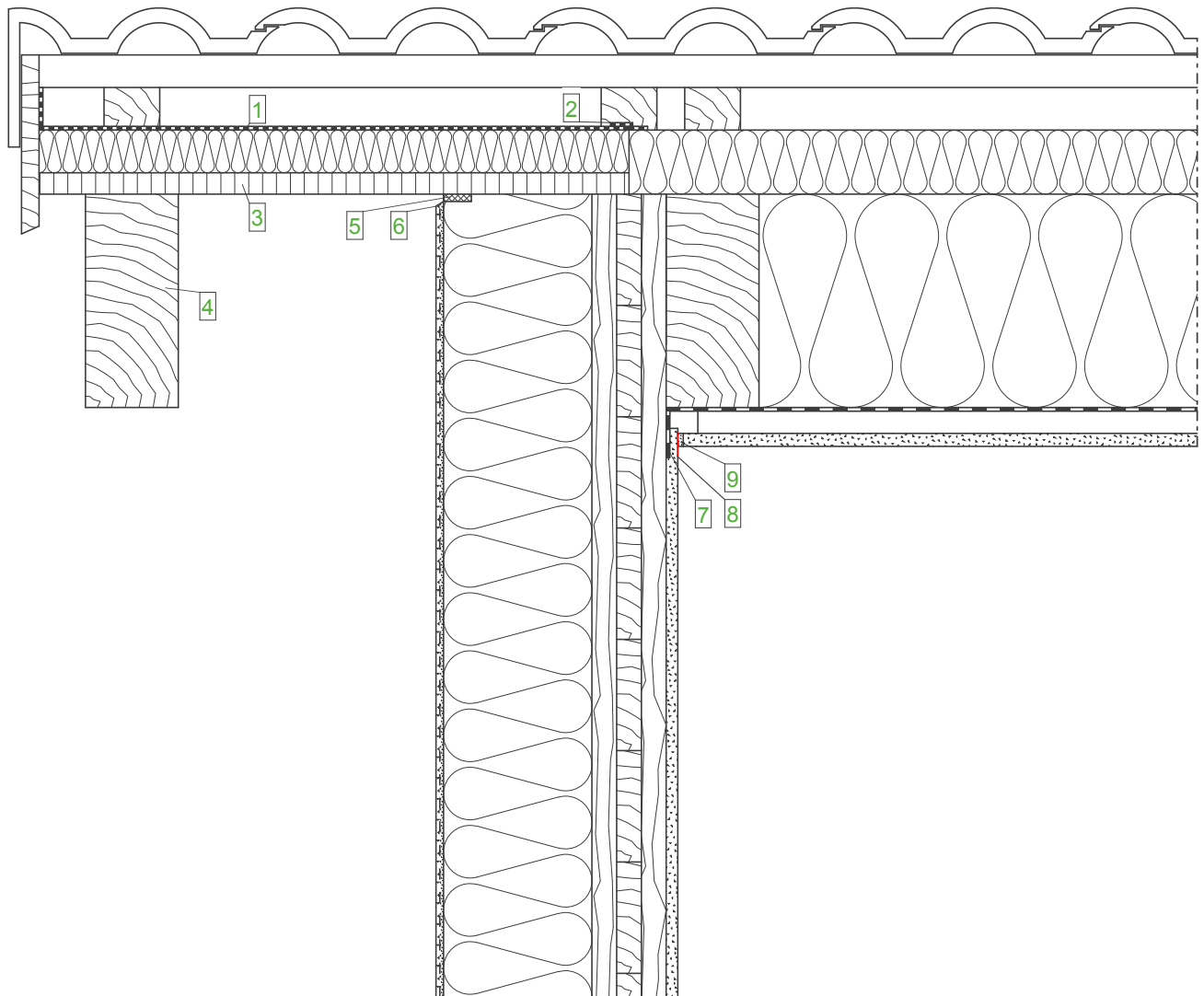
Detailnummer: AW-WDVS-MH-6-40

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
solid wood rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | STEICOMulti tape |
| 8 | Separating strips |
| 9 | Joint trowel |

Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02-04-2015

Detailnummer: AW-WDVS-MH-6-50

Änderung: 04-04-2017

Bearbeiter: A. Luz

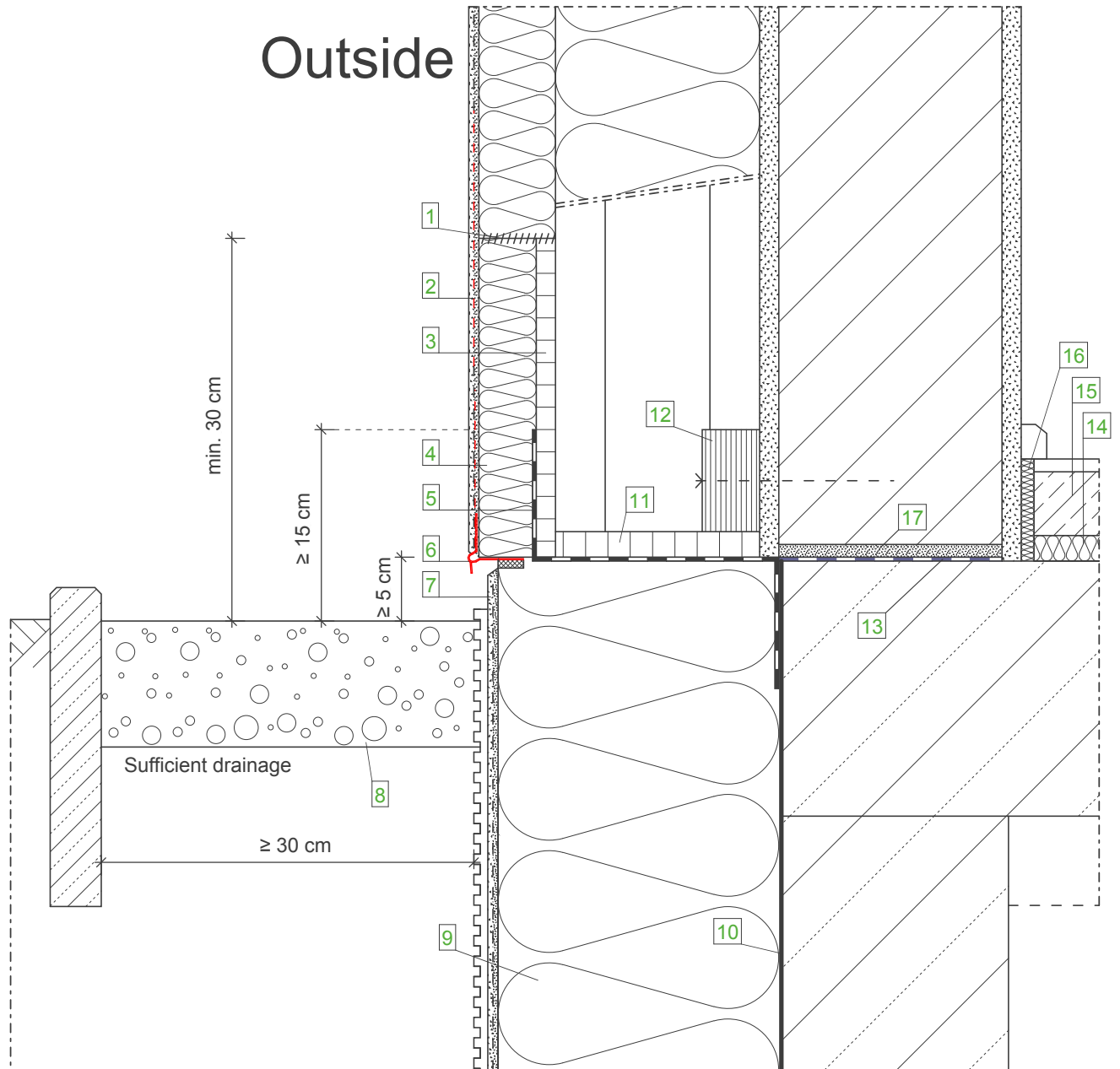
Maßstab: 1 : 7.5

STEICO
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External wall - ETICS - Masonry wall with timber

Wall construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Render layer	1.50
2	Masonry wall	17.50
3	Render layer	1.50
4	STEICOflex with STEICO wall 60/160	16.00
5	STEICOprotect	6.00
6	Approved plaster system	0.80



Wall construction
(from inside to outside)


- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | STEICOmuli fill |
| 2 | Additional mesh tape with sufficient coverage to ensure surface re-inforcement |
| 3 | Cement bonded board |
| 4 | EPS insulation with textured surface |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | DPC edge profile |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 |
| 9 | Perimeter insulation |
| 10 | Building weathering protection, min. 15 cm above ground level |
| 11 | Timber based panel product |
| 12 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 13 | Bituminous sheeting |
| 14 | STEICOtherm |
| 15 | Wet screed |
| 16 | STEICOsoundstrip |
| 17 | Mortar levelling layer |

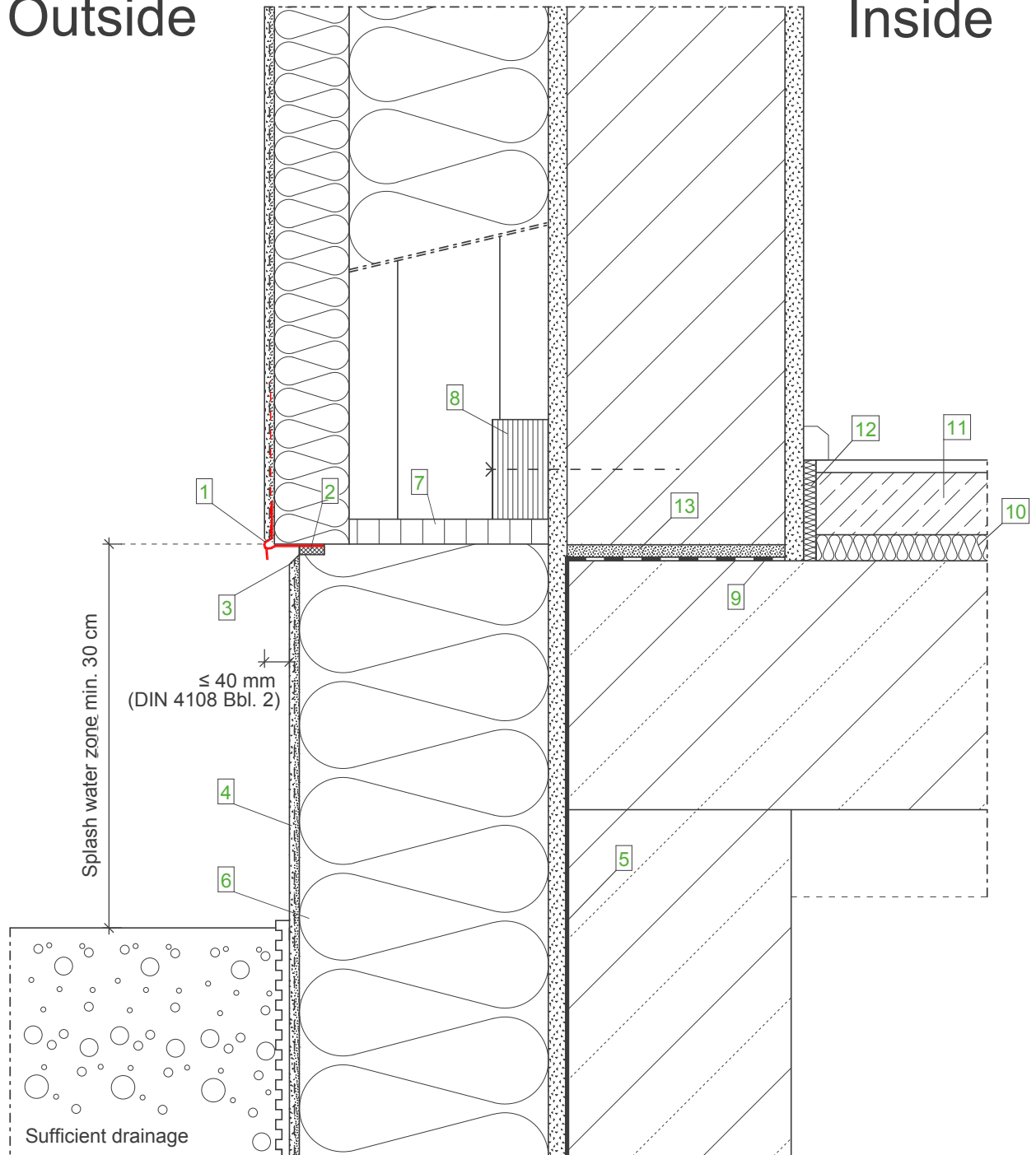
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Level threshold, continuous render layer		
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWHU-1-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0
		

Outside

Inside



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timer
- STEICOflex
- STEICOProtect
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Building weathering protection, min. 15 cm above ground level
6	Perimeter insulation
7	Timber based panel product
8	Laminated Veneer Lumber STEICO LVL for vertical transfer loads
9	Bituminous sheeting
10	STEICOtherm
11	Wet screed
12	STEICOsoundstrip
13	Mortar levelling layer

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Elevated threshold (splashback free)

Datum: 12-03-2015

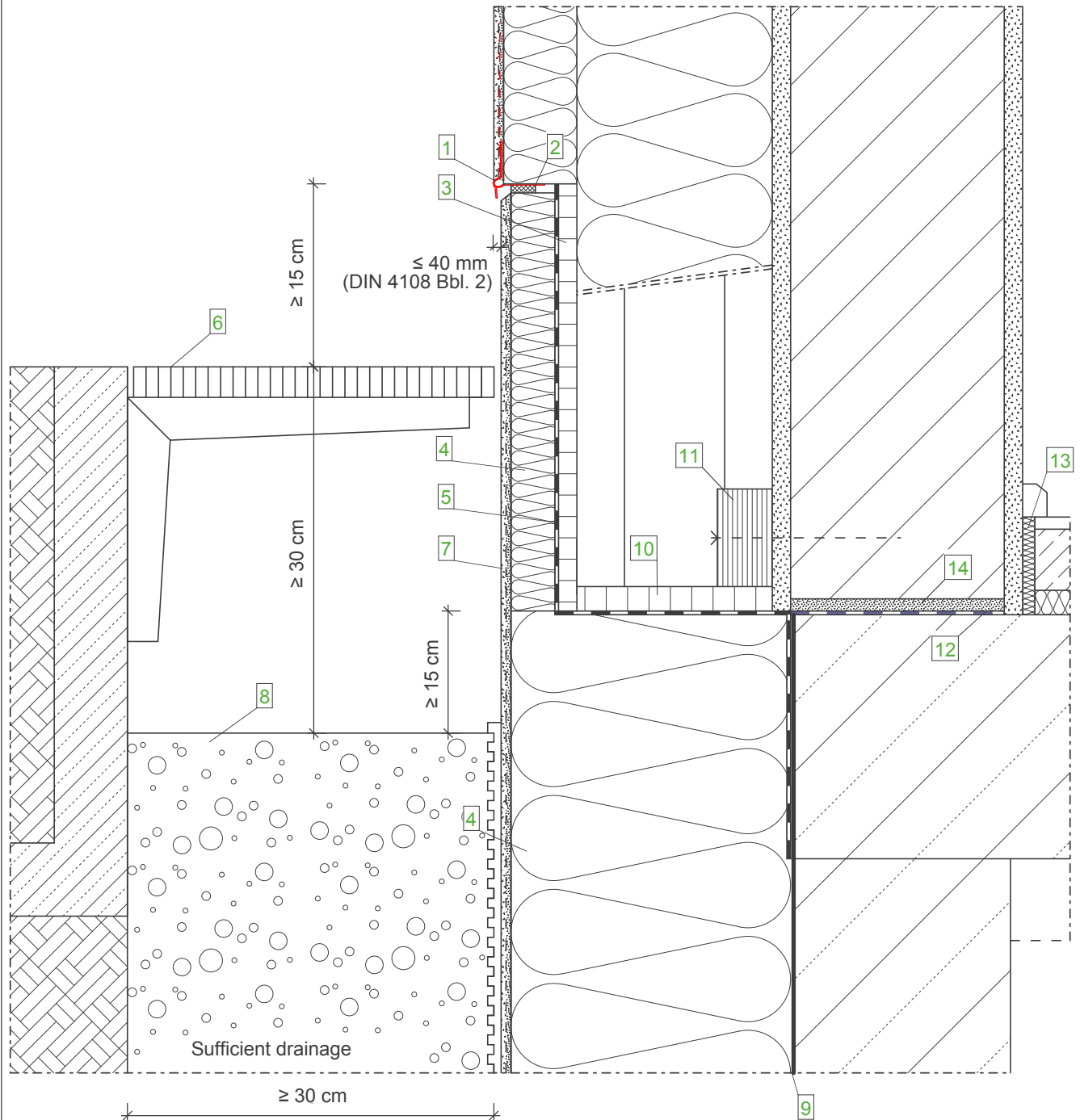
Detailnummer: AW-WDVS-MWHU-1-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOProtect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | DPC edge profile |
| 2 | Joint sealing tape |
| 3 | Cement bonded board |
| 4 | Perimeter insulation |
| 5 | Sealing in accordance with DIN 18195-4 |
| 6 | Grating |
| 7 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 8 | Gravel bed, grain size min. 16/32 mm |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Timber based panel product |
| 11 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 12 | Bituminous sheeting |
| 13 | STEICOsoundstrip |
| 14 | Mortar levelling layer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Level threshold, grating (terrace)

Datum: 12-03-2015

Detailnummer: AW-WDVS-MWHU-1-30

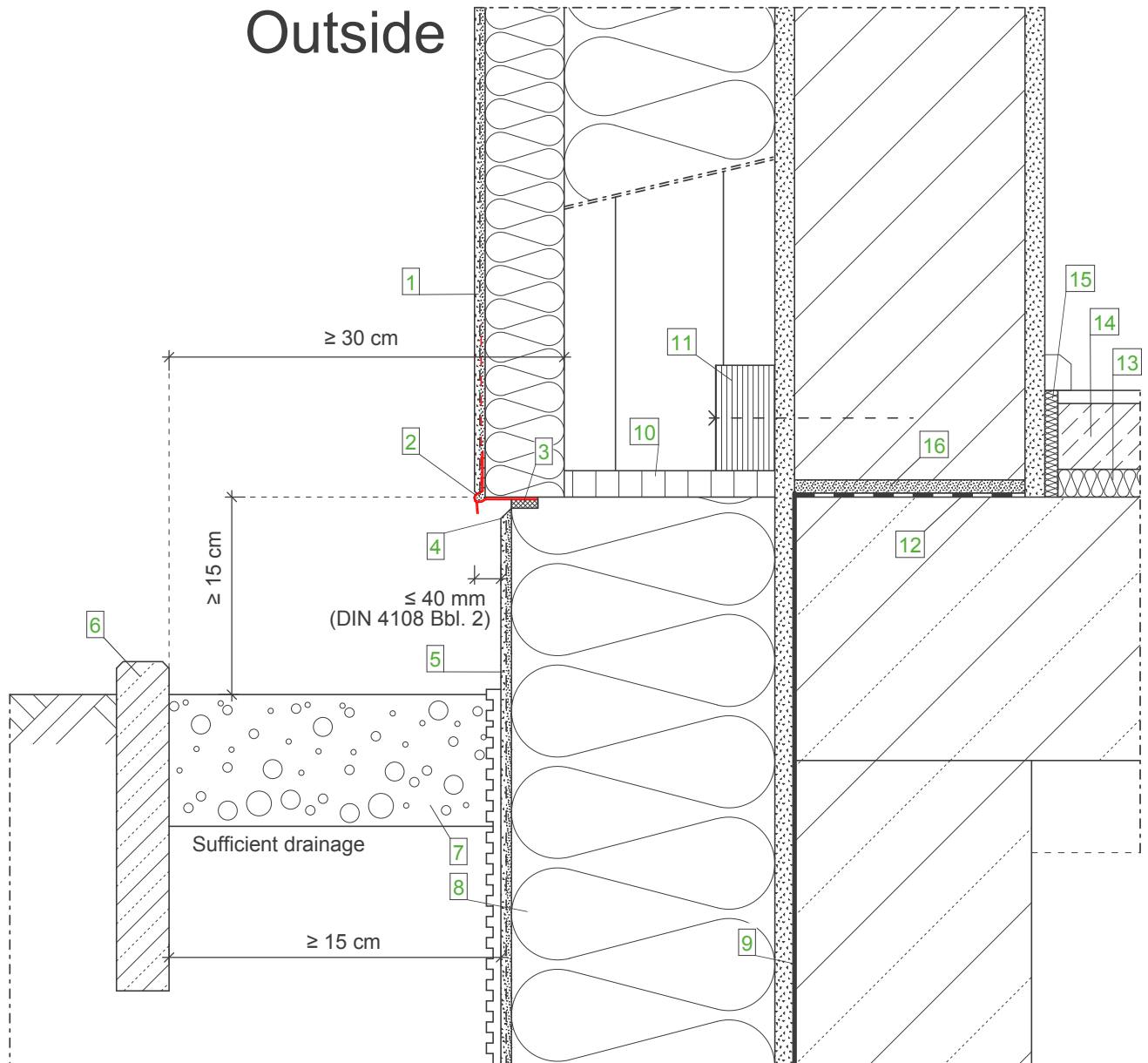
Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Outside



Wall construction (from inside to outside)


- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

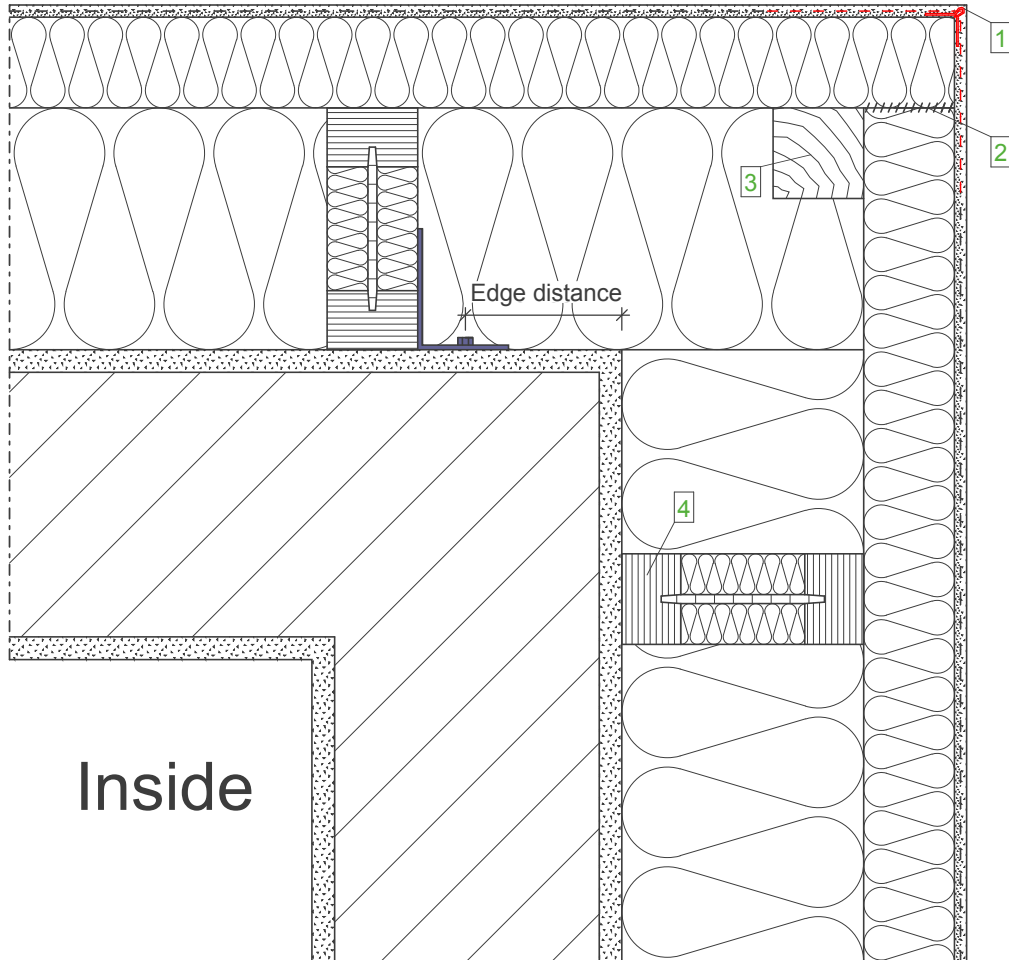
- | | |
|----|---|
| 1 | In splash water zone (up to min. 30 cm over ground level) apply cementitious tanking slurry as moisture protection layer between upper and lower render |
| 2 | DPC edge profile |
| 3 | Joint sealing tape |
| 4 | Trowelled joist |
| 5 | Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing |
| 6 | Garden edging |
| 7 | Gravel bed, grain size min. 16/32 |
| 8 | Perimeter insulation |
| 9 | Building weathering protection, min. 15 cm above ground level |
| 10 | Timber based panel product |
| 11 | Laminated Veneer Lumber STEICO LVL for vertical transfer loads |
| 12 | Bituminous sheeting |
| 13 | STEICOtherm |
| 14 | Wet screed |
| 15 | STEICOsoundstrip |
| 16 | Mortar levelling layer |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - Lower edge threshold min. 15 cm over terrain top edge (gravel bed)		
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWHU-1-40	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0
		 natürlich besser dämmen

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Mesh corner angle |
| 2 | STEICOmultiply glueing |
| 3 | Square timber
Broad back staples: min. 6 x 6 cm
Fixed with plate washers: min. 8 x 8 cm |
| 4 | STEICOWall with web insulation
optional solid timber possible |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Outside corner with STEICOWall edge beam

Datum: 12-03-2015

Detailnummer: AW-WDVS-MWHU-2-10

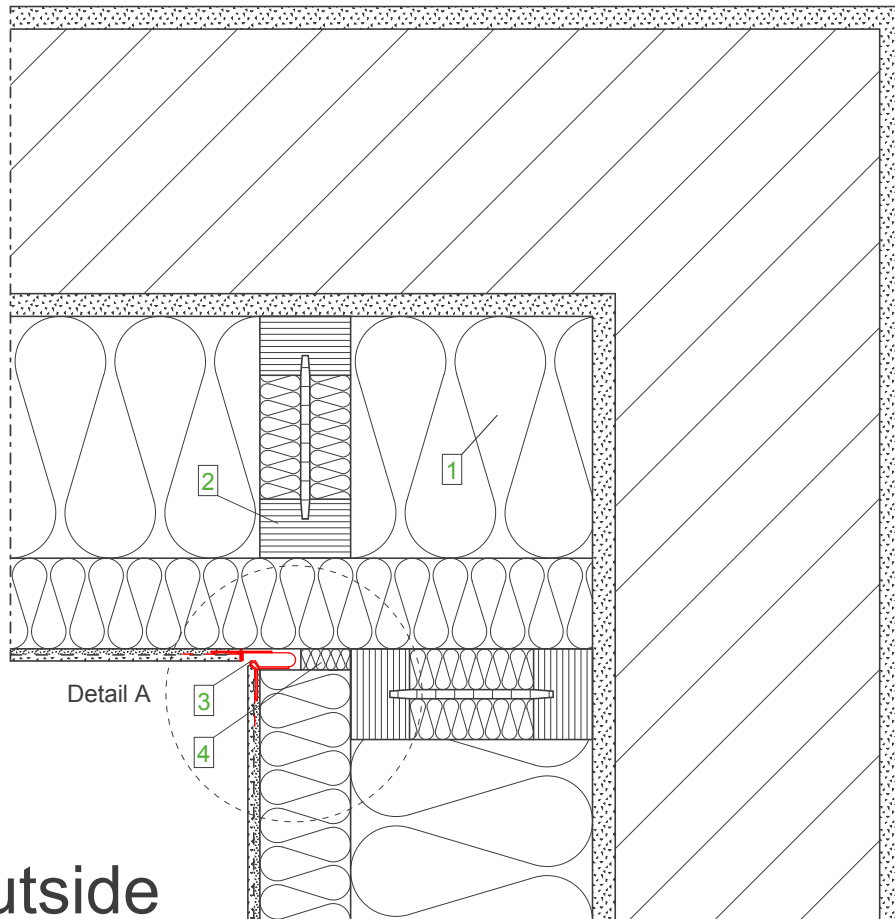
Änderung: 04-04-2017

Bearbeiter: A. Luz

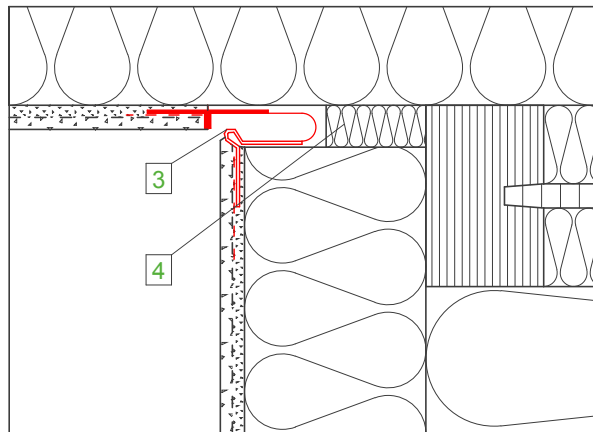
Maßstab: 1 : 5.0

STEICO
natürlich besser dämmen

Inside



Outside



Detail A, M 1:2,5

Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOProtect
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | STEICOflex installed in advance |
| 2 | STEICOWall with web insulation optional solid timber possible |
| 3 | Expansion joint profile |
| 4 | STEICOflex |

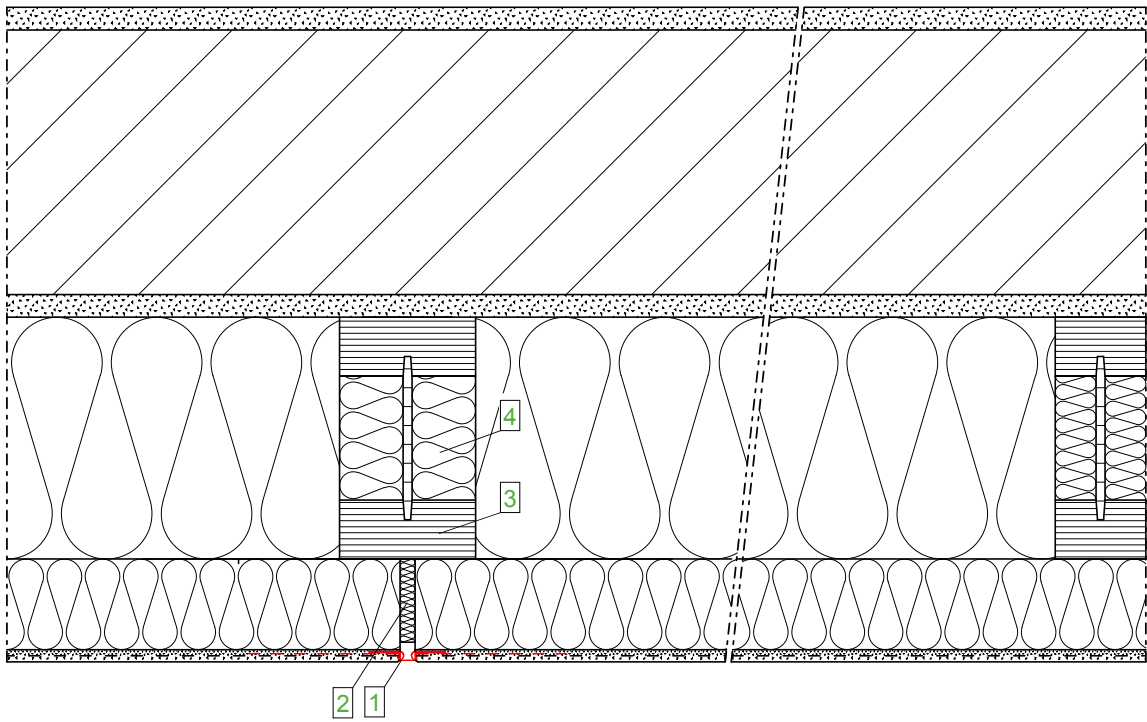
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

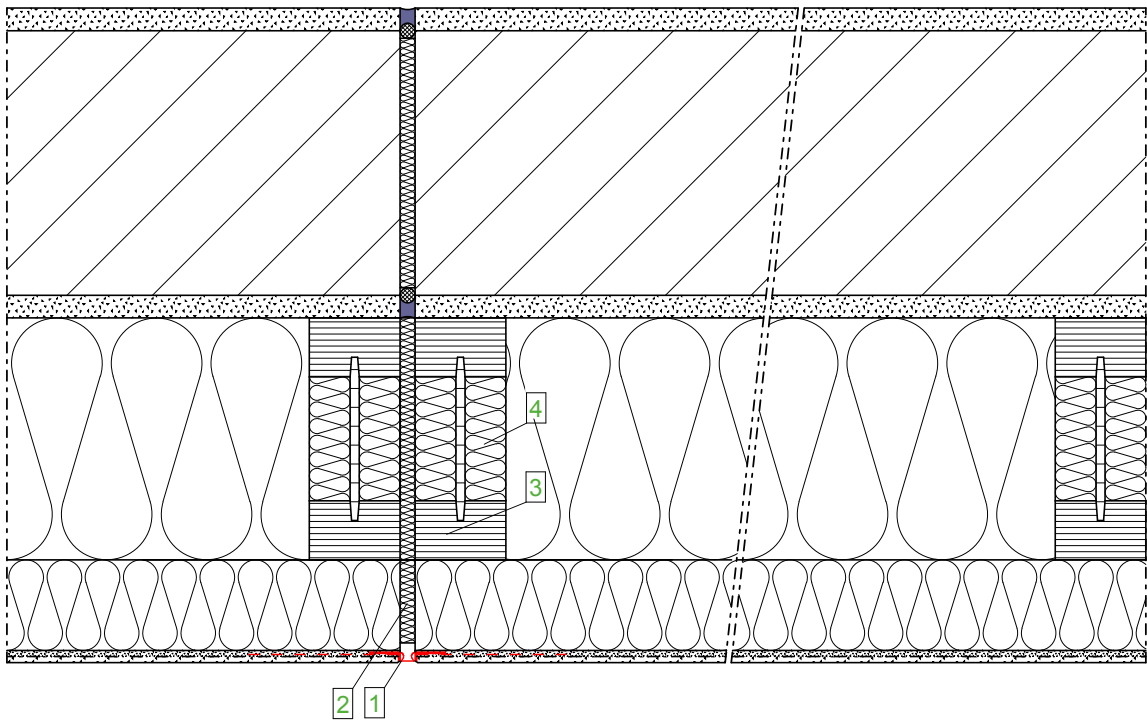
External wall - Transitions - Inside corner with STEICOWall edge beam		
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWHU-2-20	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0



Variation 1: without expansion joint in masonry wall



Variation 2: with expansion joint in masonry wall



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|---|-------------------------|
| 1 | Expansion joint profile |
| 2 | 10-20 mm flexible |
| 3 | STEICOWall |
| 4 | Web insulation |

Important Note:

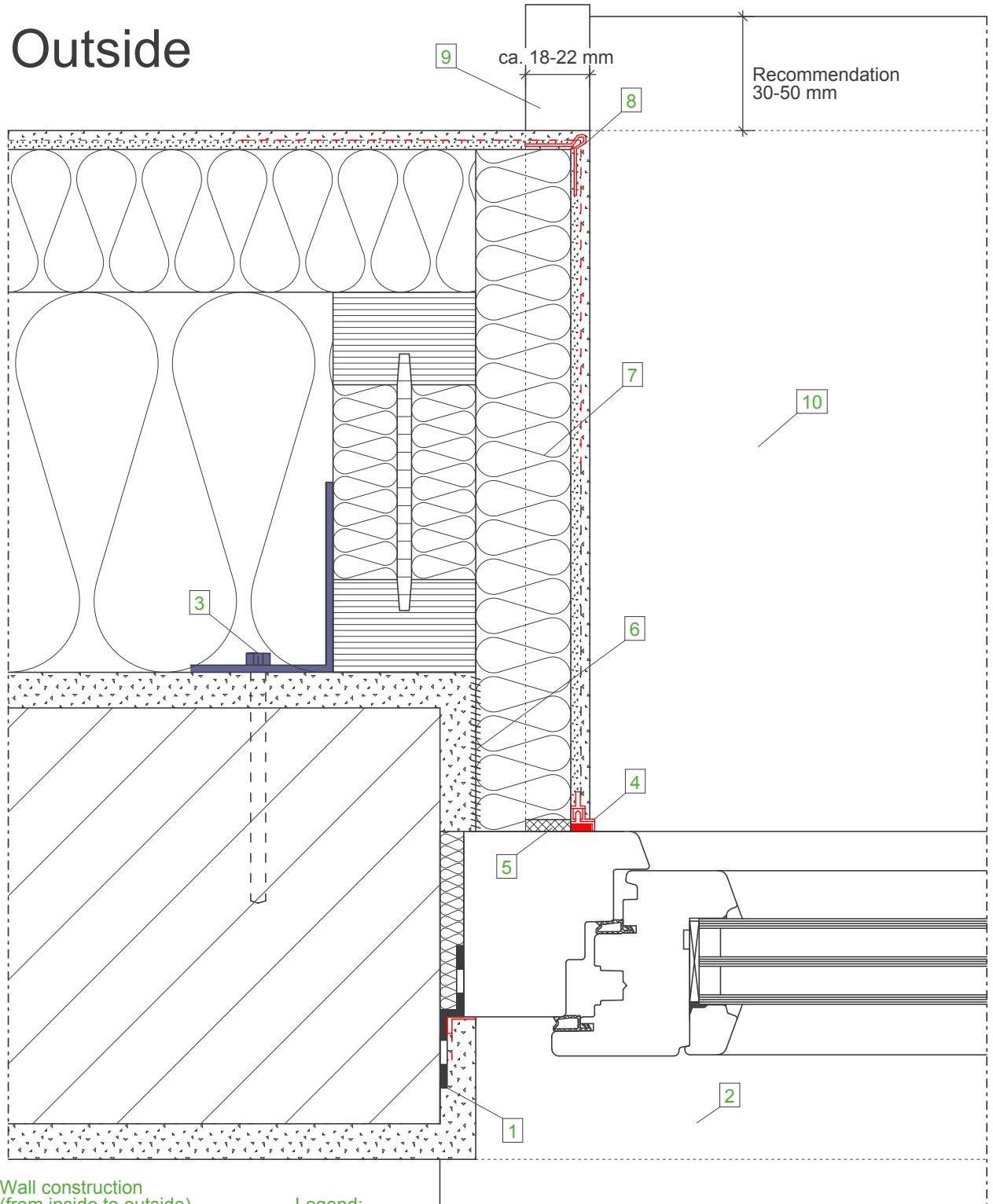
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

External wall - Transitions - Expansion joint

Datum: 06-03-2015	Detailnummer: AW-WDVS-MWHU-2-30
Änderung: 04-04-2017	Bearbeiter: A. Luz
	Maßstab: 1 : 5.0



Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOPROTECT
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window sill inside |
| 3 | Fix at the side due to edge distance |
| 4 | Clean finish render stop bead |
| 5 | Joint sealing tape |
| 6 | STEICOMulti fill |
| 7 | STEICOPROTECT H reveal board |
| 8 | Mesh corner angle |
| 9 | End profile for ETICS suitable |
| 10 | Aluminium window sill |

Inside

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Side connection with reveal board, horizontal section

Datum: 06-03-2015

Detailnummer: AW-WDVS-MWHU-3-10

Änderung: 04-04-2017

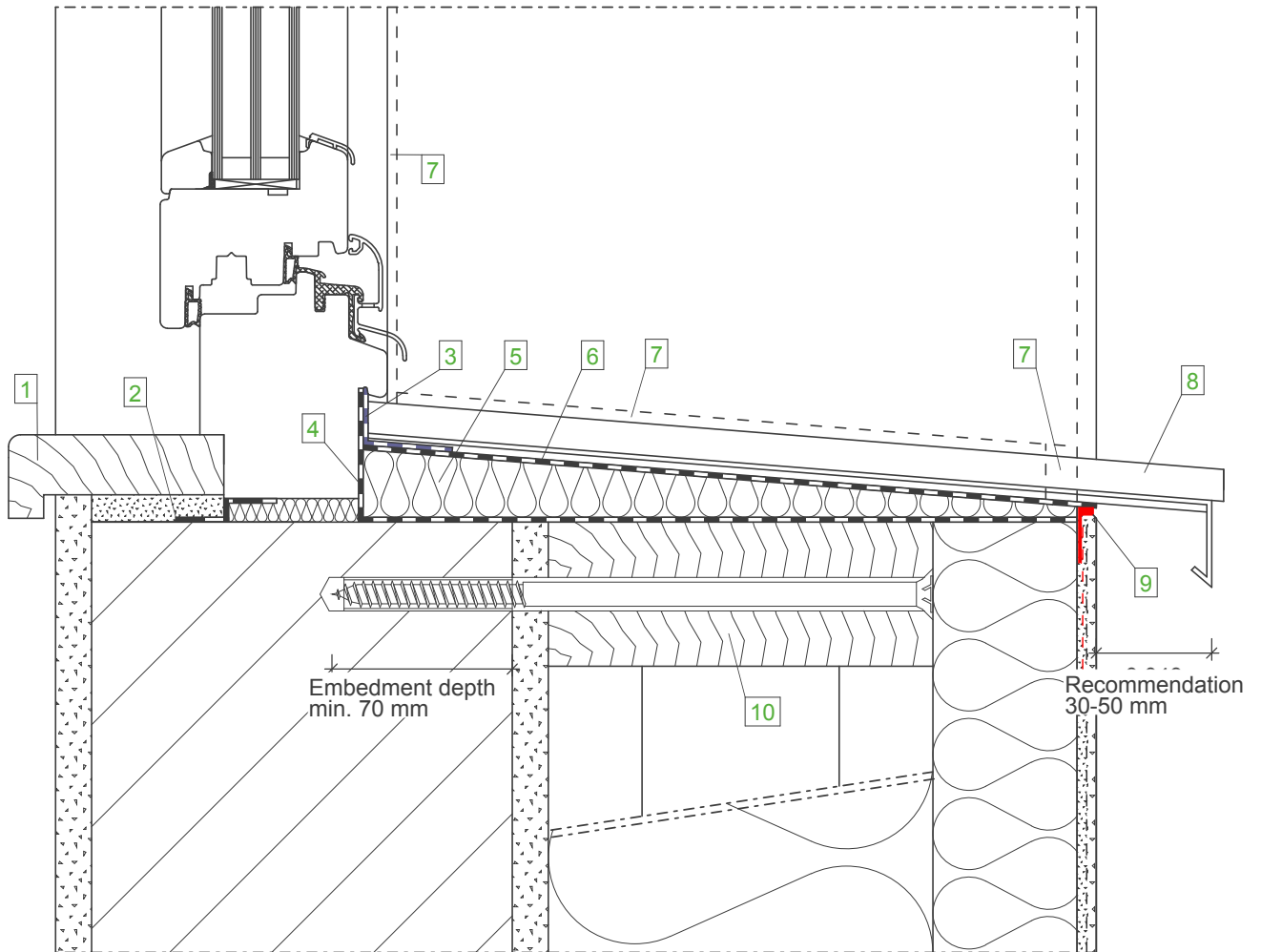
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Render stop profile |
| 10 | Timber connected with frame plugs (pre drilled) and fixed according to masonry construction (follow manufacturers guidance) |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - Bottom connection with reveal board, vertical section

Datum: 12-03-2015

Detailnummer: AW-WDVS-MWHU-3-20

Änderung: 04-04-2017

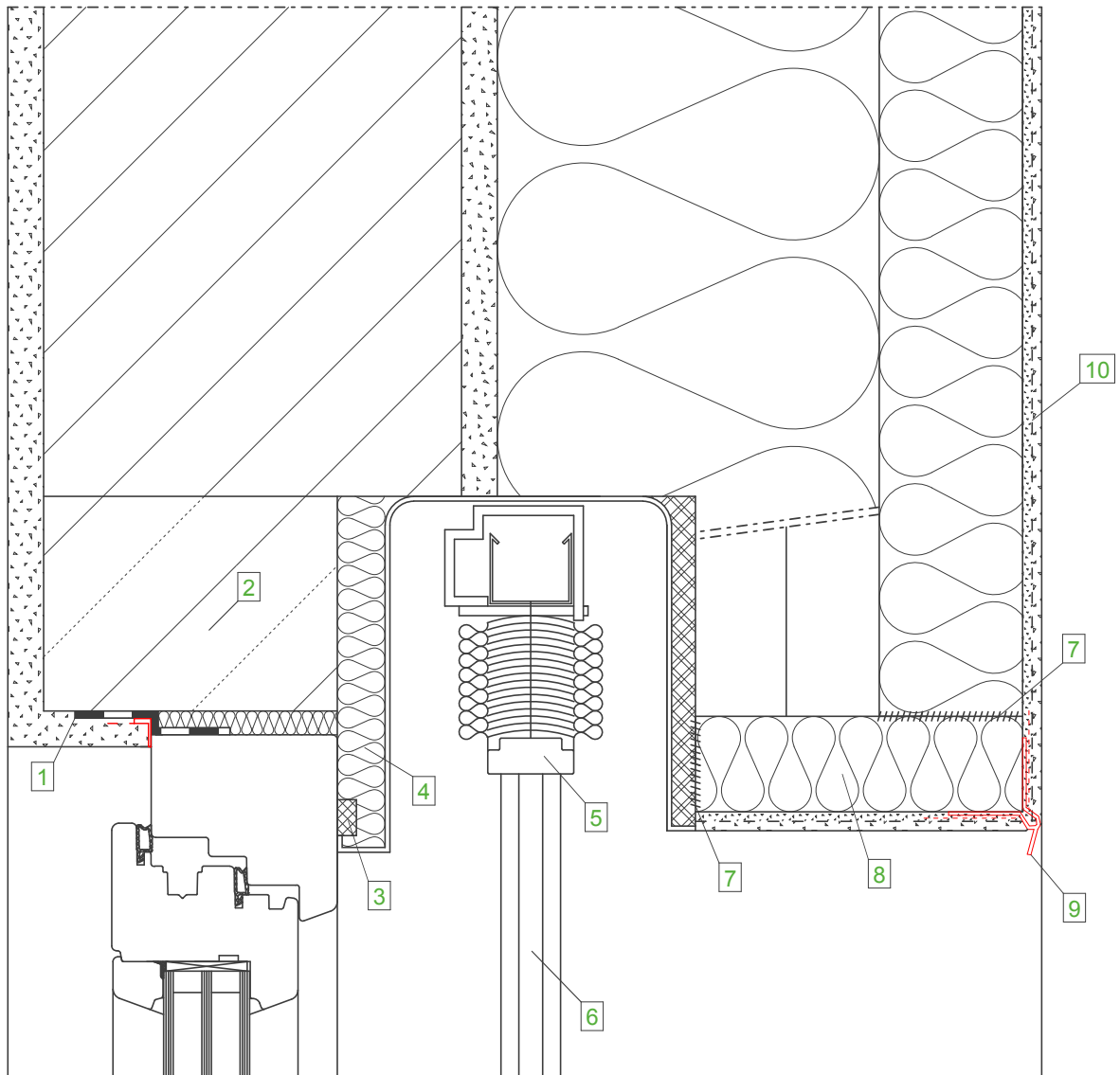
Bearbeiter: A. Luz

Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen

Inside

Outside



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window lintel |
| 3 | Joint sealing tape |
| 4 | STEICOprotect H reveal board |
| 5 | Raffstore |
| 6 | Raffstore- guide rail |
| 7 | STEICOmultiphi |
| 8 | STEICOprotect H reveal board |
| 9 | Drip edge profile |
| 10 | Surface mesh |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Raffstore - Window - Upper connection with reveal board, vertical section

Datum: 12-03-2015

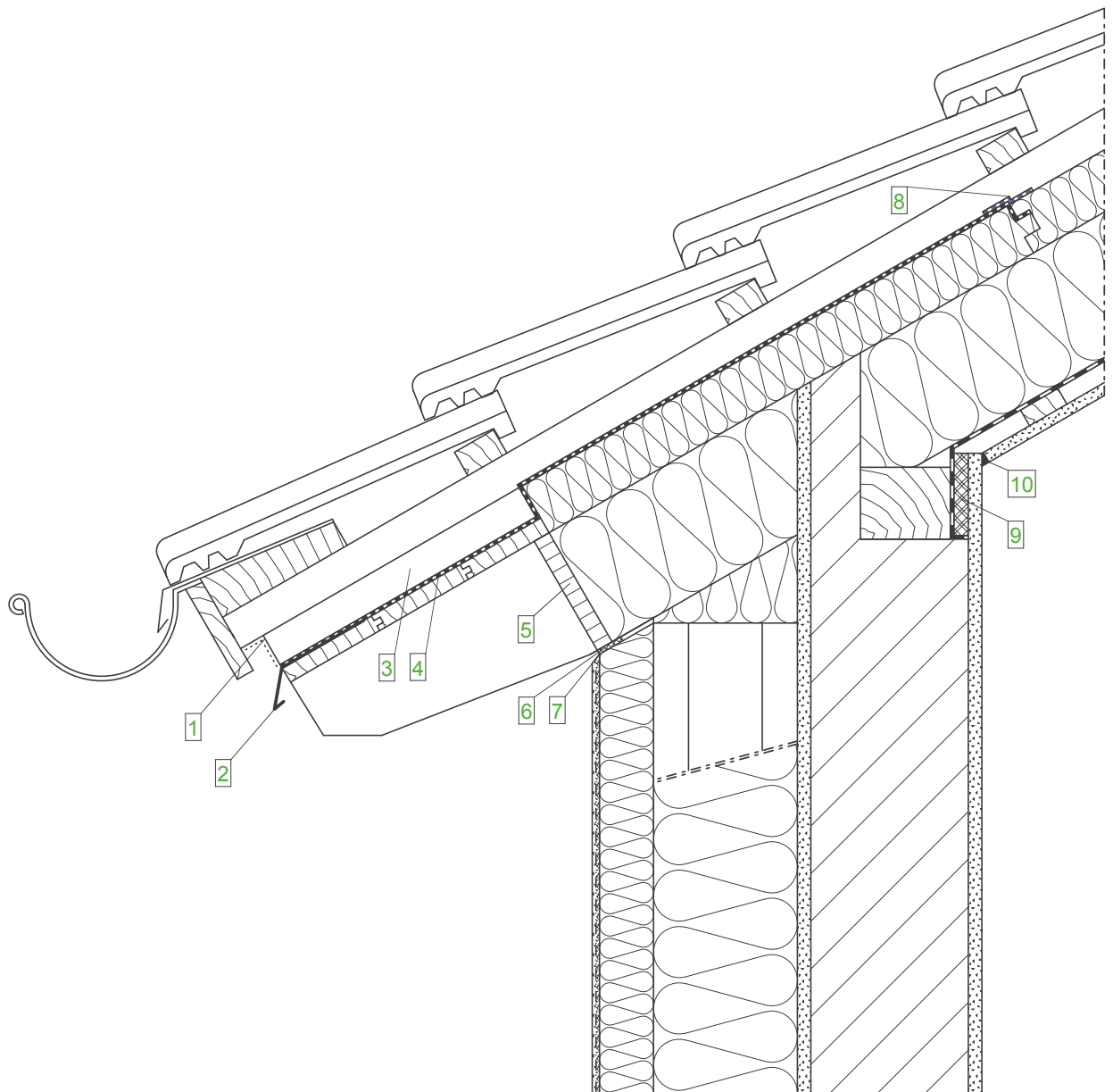
Detailnummer: AW-WDVS-MWHU-5-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 3.0

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOProtect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid timber rafter
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Rafter doubling |
| 4 | STEICOMulti UDB (only in eaves zone) |
| 5 | Blocking panels |
| 6 | Joint sealing tape |
| 7 | Trowelled joist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | Render board |
| 10 | Permanent elastic joint |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

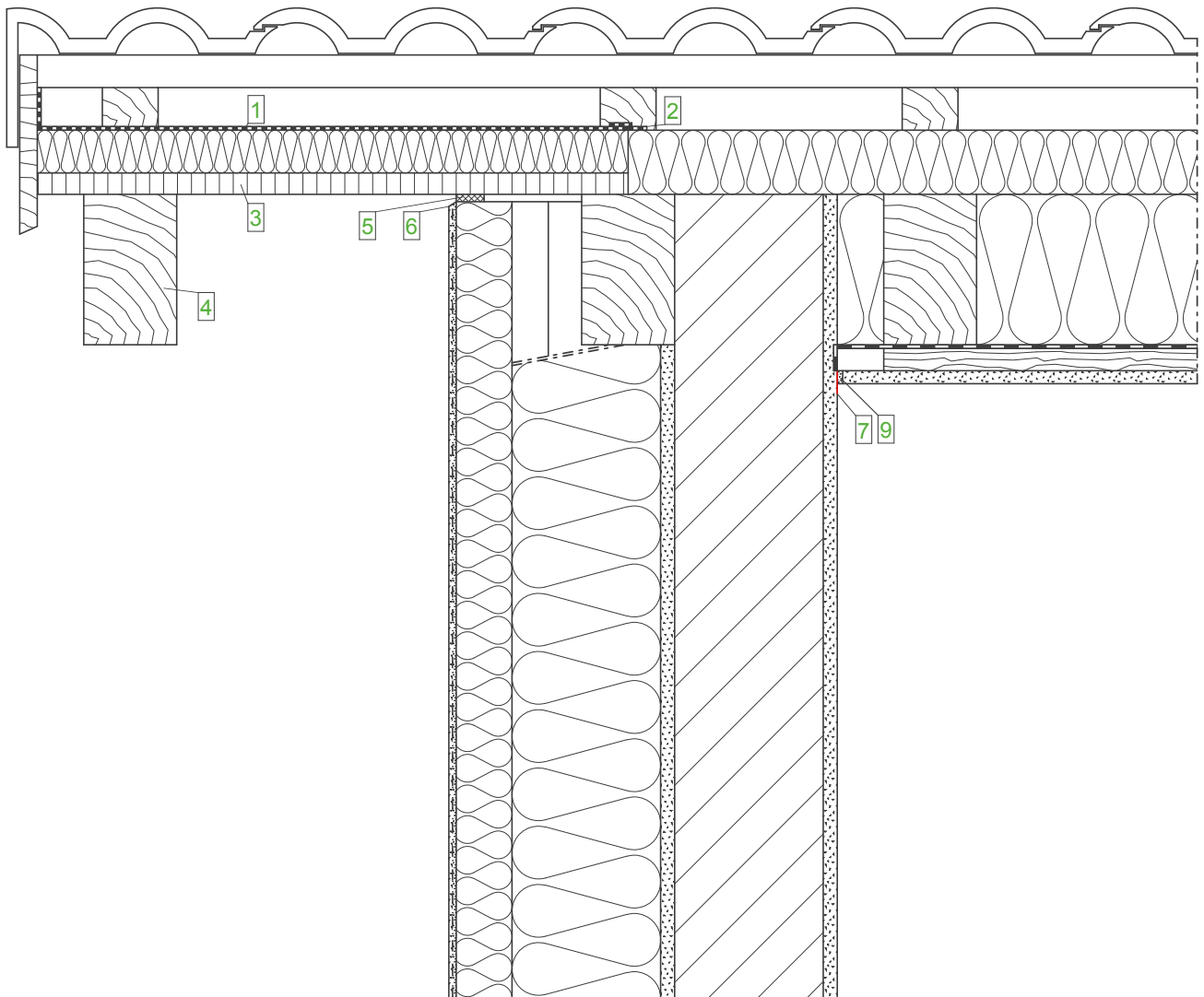
Detailnummer: AW-WDVS-MWHU-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid timber rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | Seperating strips |
| 8 | Joint trowell |

Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02-04-2015

Detailnummer: AW-WDVS-MWHU-6-20

Änderung: 04-04-2017

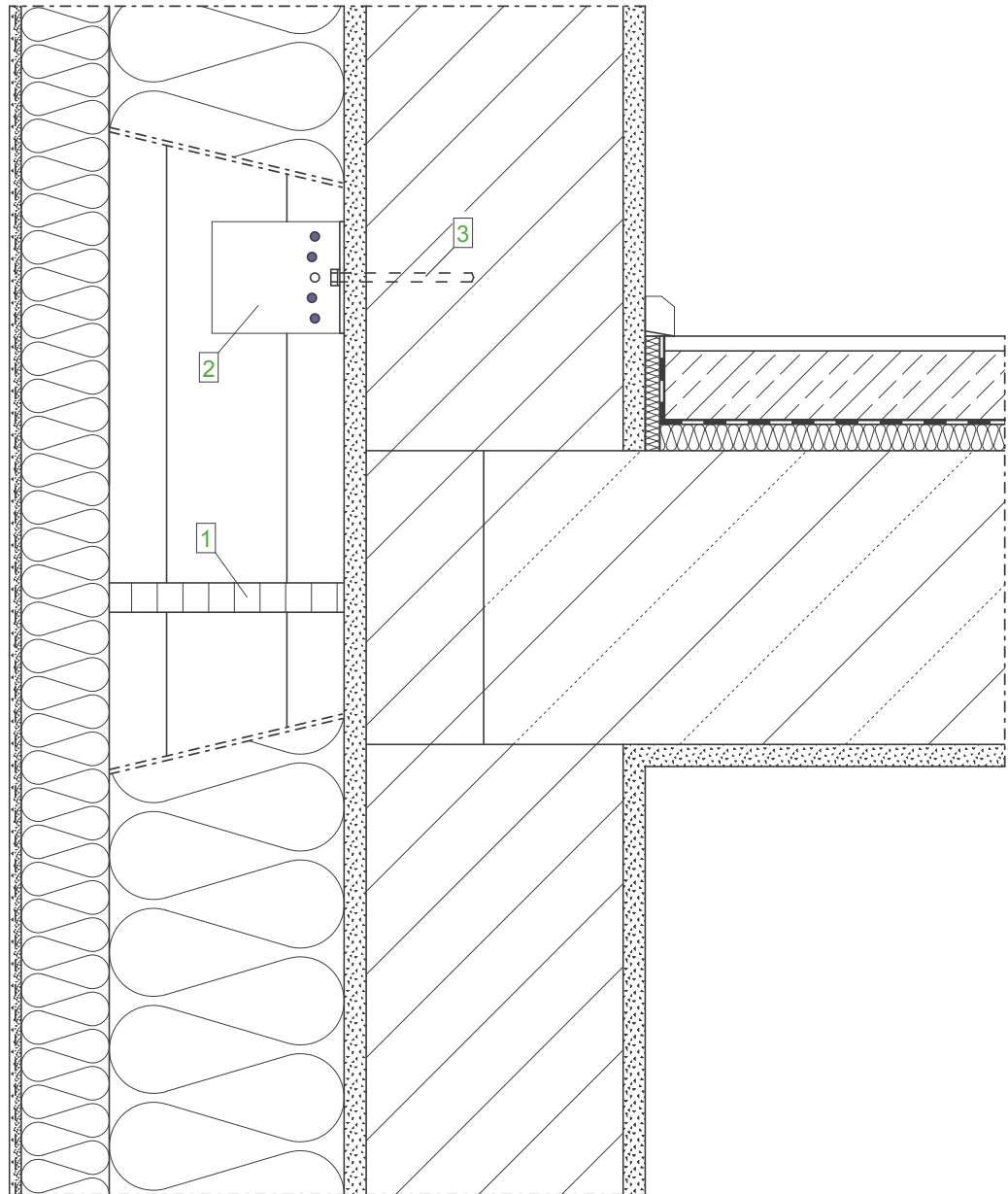
Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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Outside

Inside



External wall construction (from inside to outside)

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional solid timber
- STEICOflex
- STEICOProtect
- Approved plaster system

Ceiling construction (from top to bottom)

- Floor covering
- Screeds
- Sheeting
- Impact sound insulation
- Reinforced concrete ceiling
- Render layer

Legend:

1	Timber based board for separating the insulation zone Note: Vertical insulation zones should be separated at each storey or a minimum of every 3m with a structural separation. The separation of the insulation zone increases the installation quality when using air injected insulations.
2	Approved angle connector e.g. 90 mm x 48 mm x 76 mm fixed with min. 4 CSA screws per angle
3	Approved frame plug

Important Note:

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Ceiling - Transitions - I-Joist joint horizontal

Datum: 12-03-2015

Detailnummer: AW-WDVS-MWHU-7-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

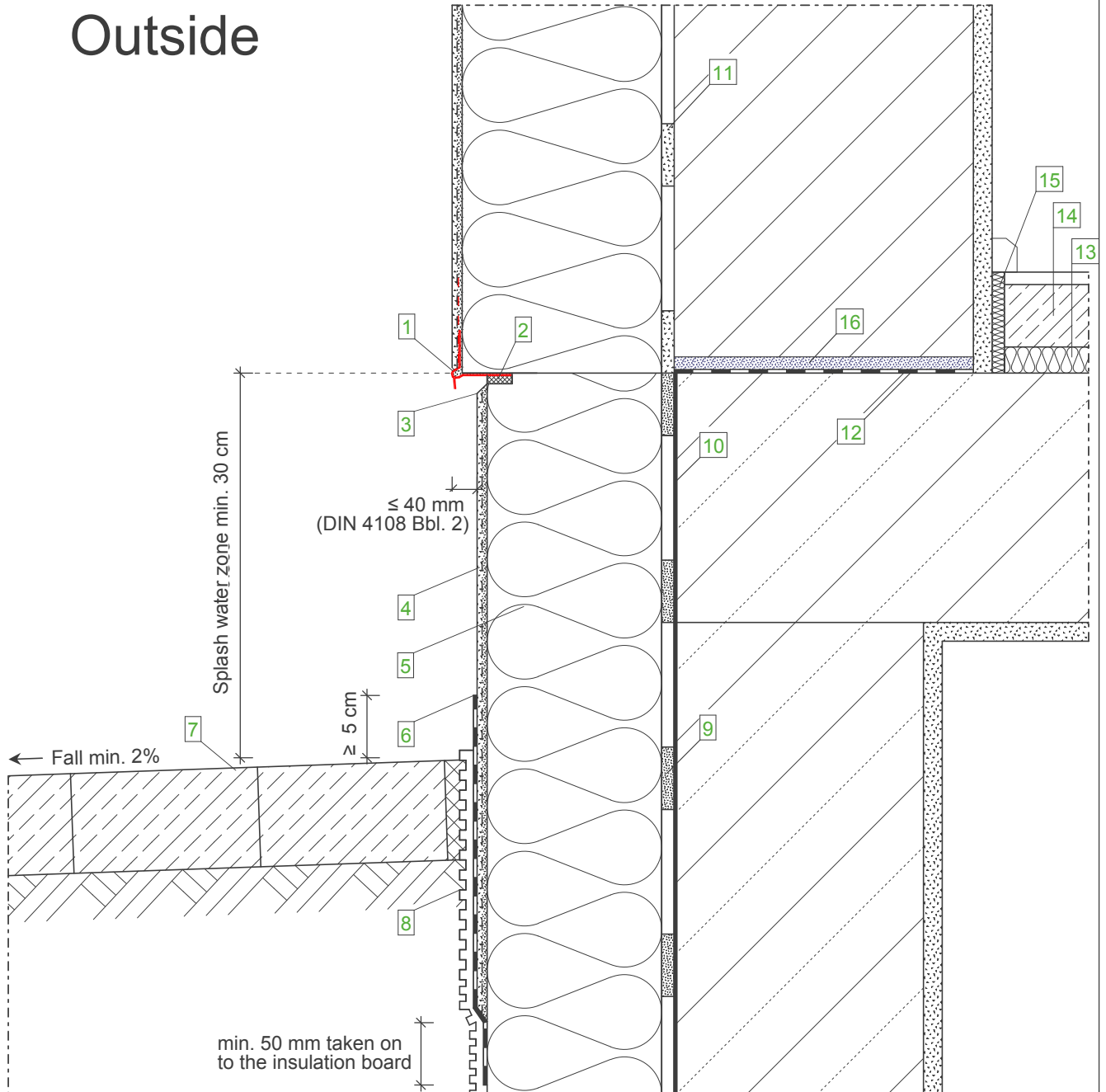
STEICO
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External wall - ETICS - Masonry wall glued and plugged

Wall construction (New build)
(from inside to outside)

Nr.	Material	Thickness in cm
1	Inside render	1.50
2	Masonry wall	24.00
3	Mortar resin	1.00
4	STEICOprotect L dry	16.00
5	Approved plaster system	0.80

Outside



Legend:

Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

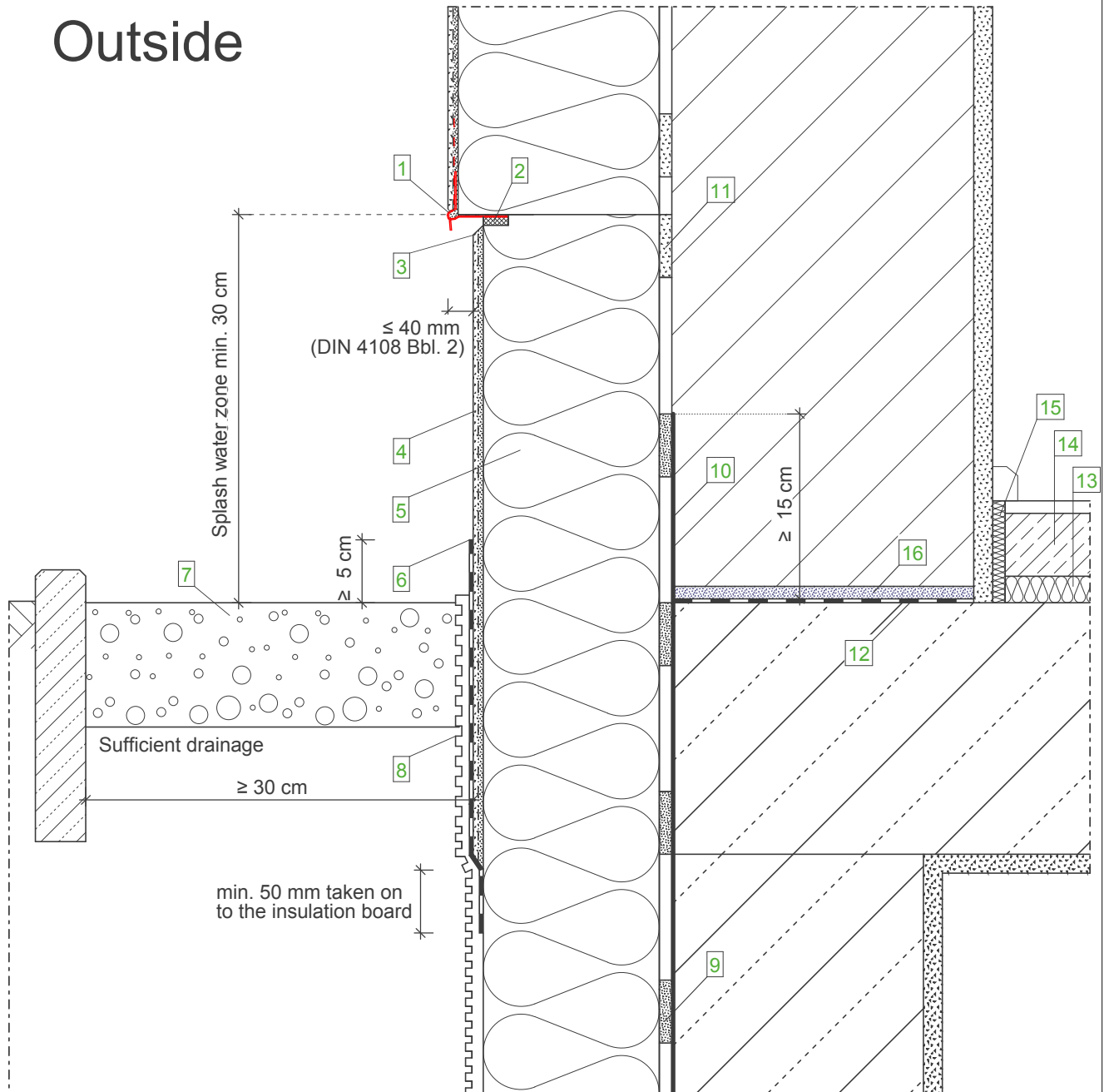
1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Perimeter insulation
6	Flexible, mineral render sealing
7	Finished floor covering (= water-carrying layer) min. 2% fall
8	Protective layer, e.g. dimpled drainage layer
9	Mortar resin suitable for weathering protection
10	Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level
11	Mortar resin
12	Bituminous sheeting
13	STEICOtherm
14	Wet screed
15	STEICOsoundstrip
16	Mortar levelling layer

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - New build - Heated basement - Ground level below top edge of concrete ceiling			
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWG-1-10		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0	

Outside



Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Perimeter insulation
6	Flexible, mineral render sealing
7	Gravel bed, grain size min. 16/32
8	Protective layer, e.g. dimpled drainage layer
9	Mortar resin suitable for weathering protection
10	Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level
11	Mortar resin
12	Bituminous sheeting
13	STEICOtherm
14	Wet screed
15	STEICOsoundstrip
16	Mortar levelling layer

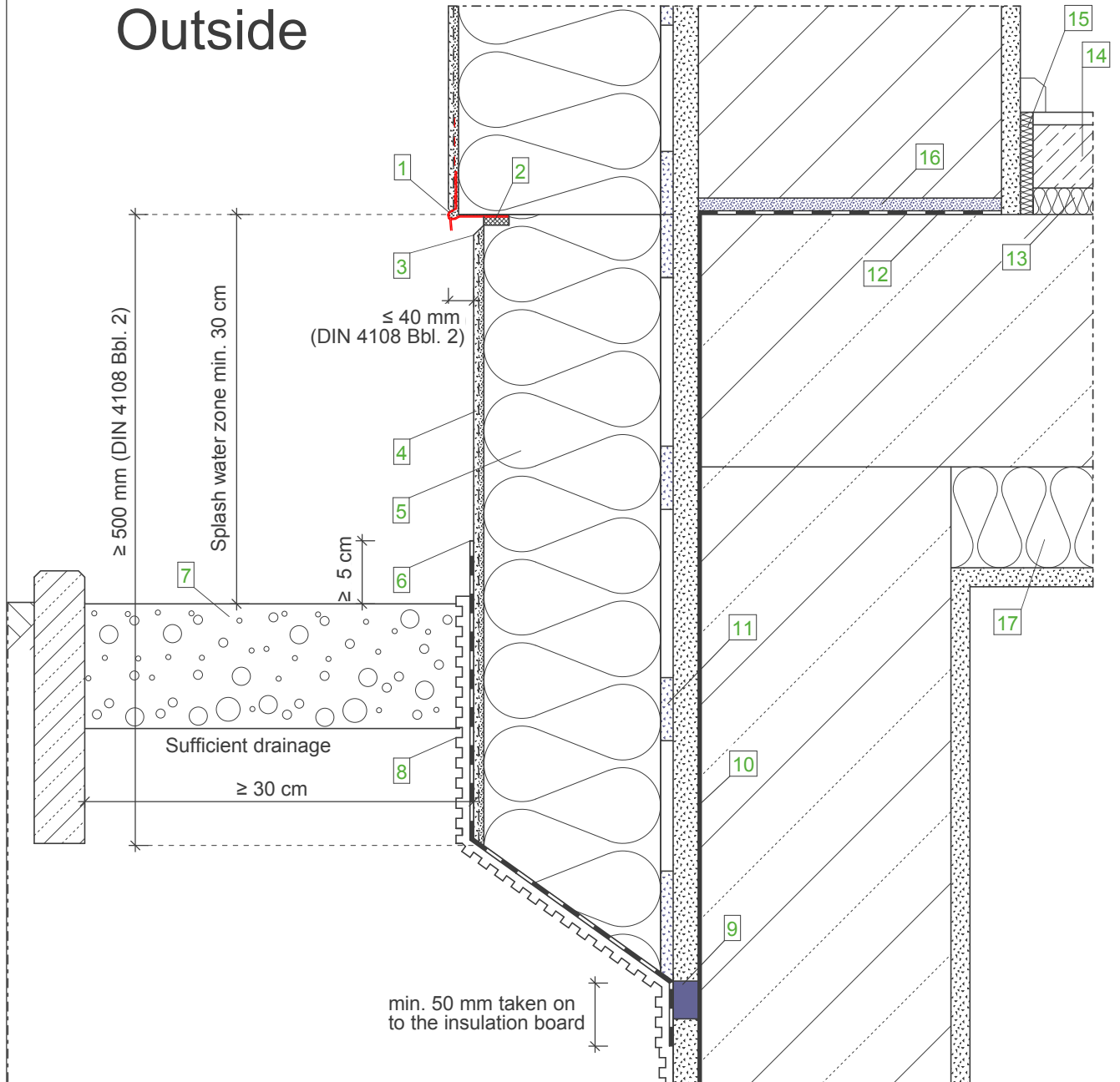
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

DPC - New build - Heated basement - Ground level on top edge of concrete ceiling		
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWG-1-20	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 5.0



Outside



Legend:

Wall construction (from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

1	DPC edge profile
2	Joint sealing tape
3	Trowelled joist
4	Below DPC render in accordance with render recommendation in ground environment with flexible, mineral render sealing
5	Perimeter insulation
6	Flexible, mineral render sealing
7	Gravel bed, grain size min. 16/32
8	Protective layer, e.g. dimpled drainage layer
9	Capillary breaking separation approx. 20mm wide, sealed with a flexible mineral sealant
10	Building weathering protection in accordance with DIN 18195 min. 15 cm above ground level
11	Mortar resin suitable for old render
12	Bituminous sheeting
13	STEICOtherm
14	Wet screed
15	STEICOsoundstrip
16	Mortar levelling layer
17	Basement ceiling insulation in accordance with requirements

Important Note:

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DPC - Existing - Un-heated basement - Ground level below top edge of concrete ceiling

Datum: 12-03-2015

Detailnummer: AW-WDVS-MWG-1-30

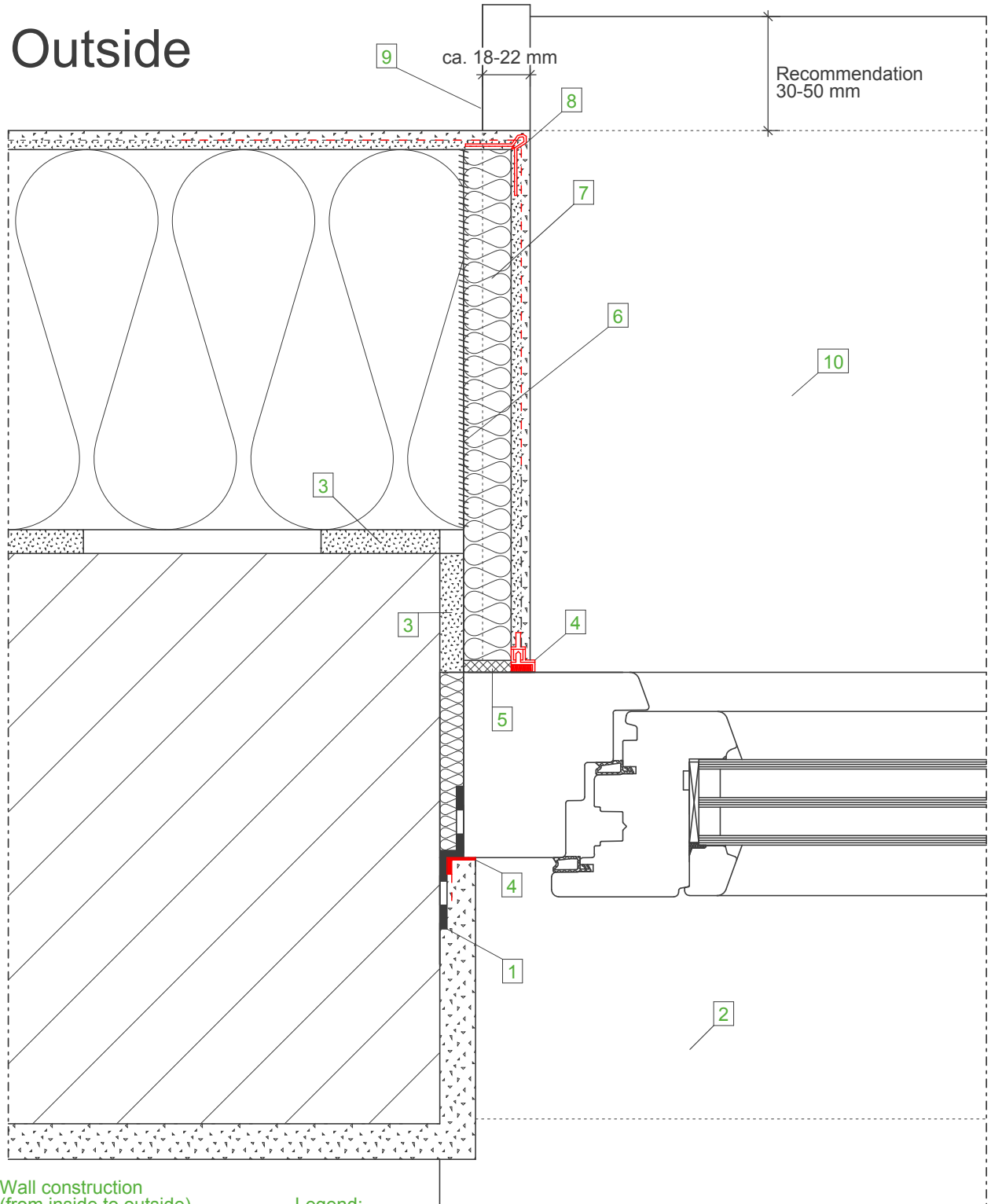
Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0

STEICO
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Outside



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Window sill inside |
| 3 | Mortar resin |
| 4 | Clean finish render stop bead |
| 5 | Joint sealing tape |
| 6 | STEICOMulti fill glueing |
| 7 | STEICOprotect dry reveal board 20 mm |
| 8 | Mesh corner angle |
| 9 | End profile for ETICS suitable |
| 10 | Aluminium window sill |

Important Note:

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Window - New build - Side connection with reveal board, horizontal section

Datum: 06-03-2015

Detailnummer: AW-WDVS-MWG-3-10

Änderung: 04-04-2017

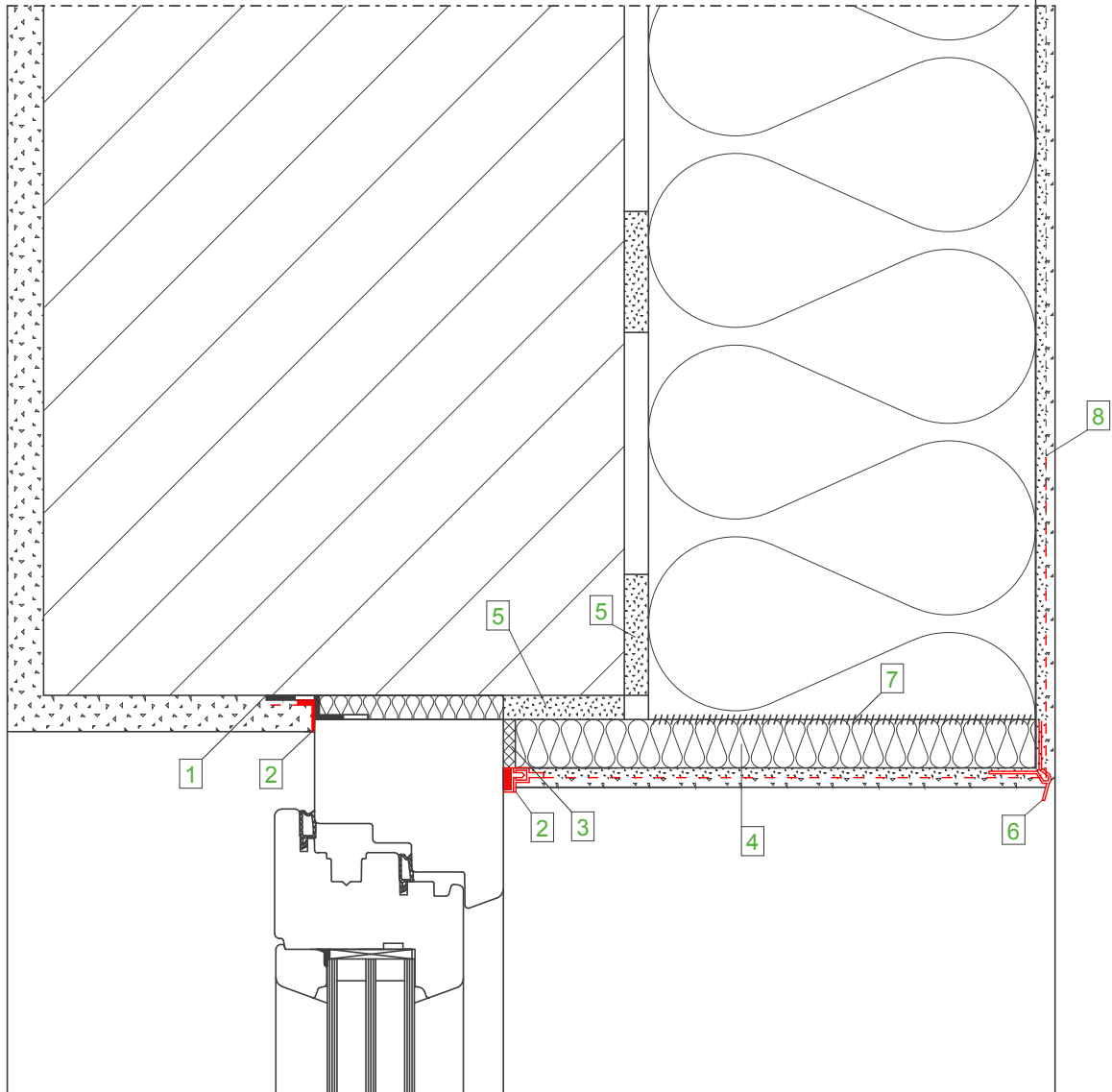
Bearbeiter: A. Luz

Maßstab: 1 : 2.5

STEICO
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Inside

Outside



Wall construction
(from inside to outside)

- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

- | | |
|---|---|
| 1 | Airtight window installation (DIN 4108-7) |
| 2 | Clean finish render stop bead |
| 3 | Joint sealing tape |
| 4 | STEICOprotect dry reveal board 20 mm |
| 5 | Mortar resin |
| 6 | Drip edge profile |
| 7 | STEICOmultiply glueing |
| 8 | Surface mesh |

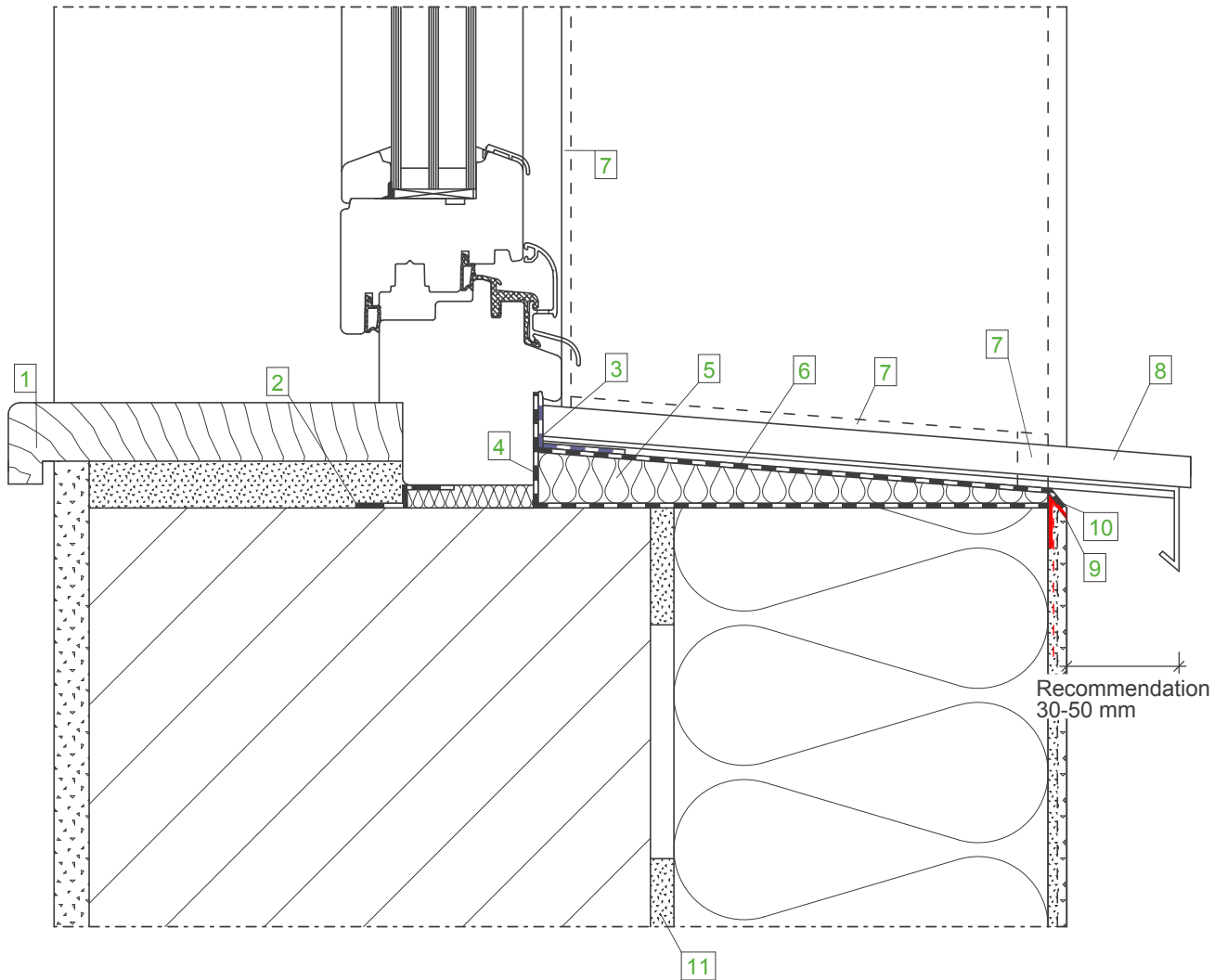
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - New build - Upper connection with reveal board, vertical section			
Datum: 11-03-2015	Detailnummer: AW-WDVS-MWG-3-20		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 3.0	

Inside

Outside



Wall construction
(from inside to outside)


- Render layer
- Masonry wall
- Mortar resin
- STEICOprotect L dry
- Approved plaster system

Legend:

- | | |
|----|---|
| 1 | Window sill inside |
| 2 | Airtight window installation (DIN 4108-7) |
| 3 | STEICOMulti tape |
| 4 | STEICOMulti UDB |
| 5 | STEICOfix wood fibre insulation fillet |
| 6 | Bonded membrane on wood fibre insulation fillet |
| 7 | Joint sealing tape |
| 8 | Aluminium window sill |
| 9 | Parapet profile |
| 10 | STEICOMulti fill glueing |
| 11 | Mortar resin |

Important Note:

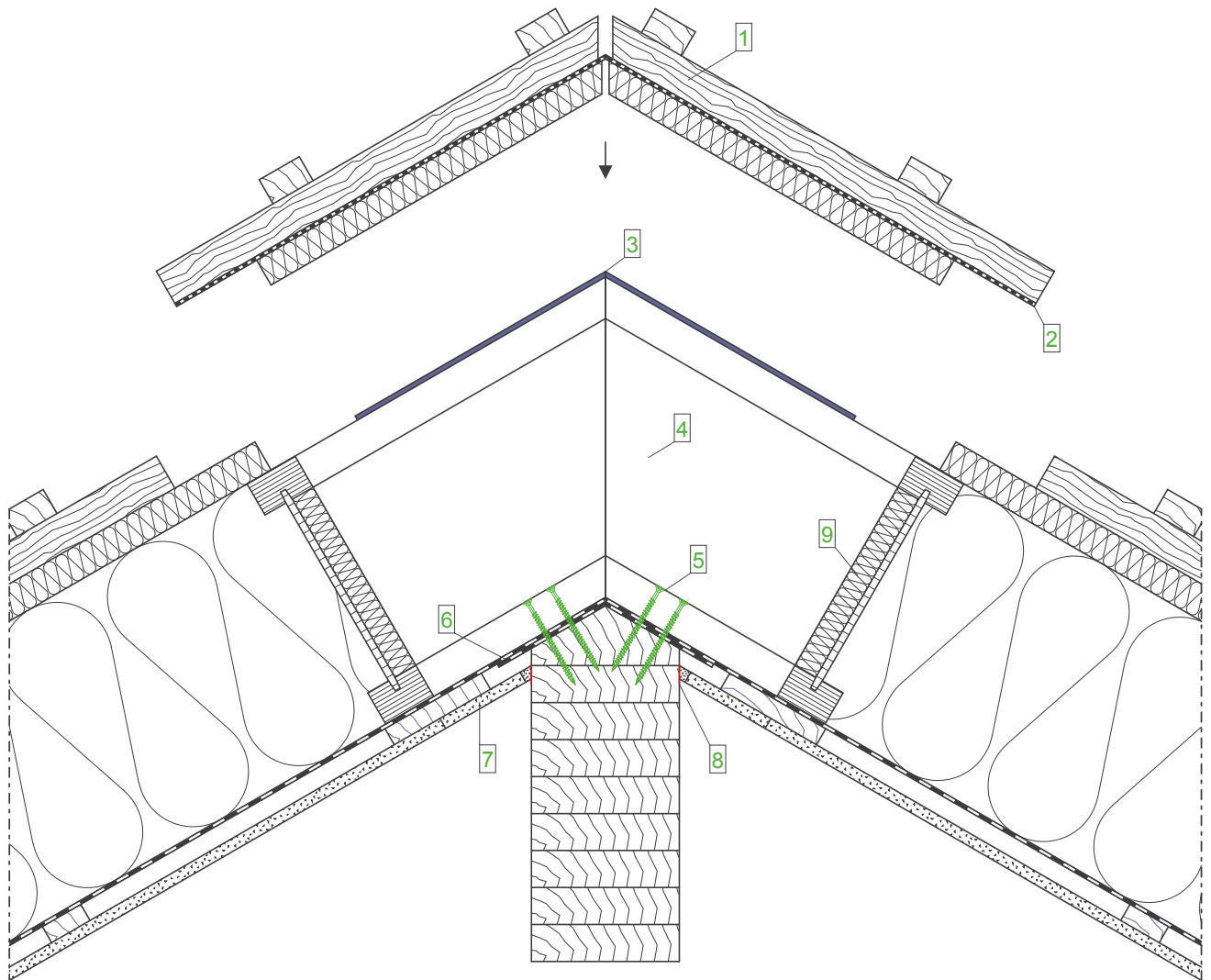
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Window - New building - Bottom connection with reveal board, vertical section		
Datum: 12-03-2015	Detailnummer: AW-WDVS-MWG-3-30	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 3.0
		

Roof - Pitched roof - Between rafter insulation

Roof construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Plasterboard	1.25
2	Batten 24 x 48	2.40
3	Vapour barrier	-
4	STEICOflex with STEICO joist 60/300	30.00
5	STEICUniversal	3.50
6	Counter batten 40 x 60	4.00
7	Support batten 30 x 50	3.00
8	Roof covering	



**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Mounting cover fixed after screwing of the STEICO joist on the ridge purlin and filling of the insulation zone |
| 2 | STEICOMulti UDB |
| 3 | Possibly tension strap (DN > 30°) |
| 4 | Ridge area after element assembly filled with STEICOflex |
| 5 | Fully threaded screws max. t = 6 mm (pre-drilled). |
| 6 | Place sheeting strips (vapour barrier) above ridge purlin before assembly of the roof elements and then connect together |
| 7 | Plasterboard mounting cover |
| 8 | Filling with separating strips on the ridge purlin |
| 9 | Web insulation |

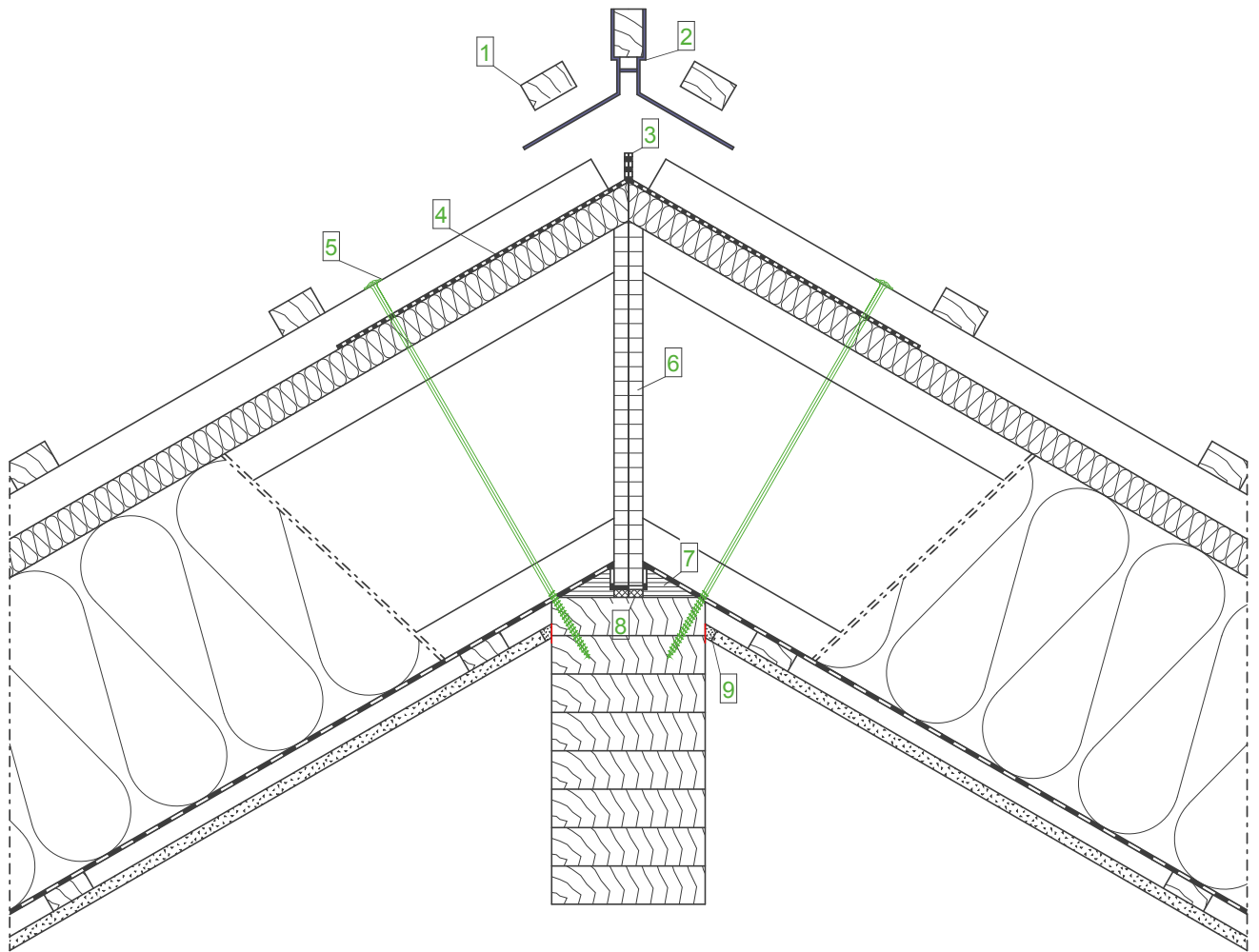
Important Note:

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Ridge - Sloped purlin - Element assembly with fixing point

Datum: 23-03-2015	Detailnummer: DA-SD-ZSD-1-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5





Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---|
| 1 | Last support batten, on-site assembled |
| 2 | Ridge batten holder, on-site assembled |
| 3 | Roofing felt taped on the ridge |
| 4 | STEICOMulti UDB, only in ridge area |
| 5 | Part thread screw (mushroom top), (pre-drilled) |
| 6 | Element end e.g. 15 mm OSB,
if required consider insulating between elements |
| 7 | Support fillet, Laminated Veneer Lumber STEICO LVL R |
| 8 | Pre-compressed sealing tape connected to element |
| 9 | Filling with separating strips on the ridge purlin
(separating strips cut off after filling) |

Important Note:

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Ridge - Rectangular purlin - Element assembly

Datum: 23-03-2015

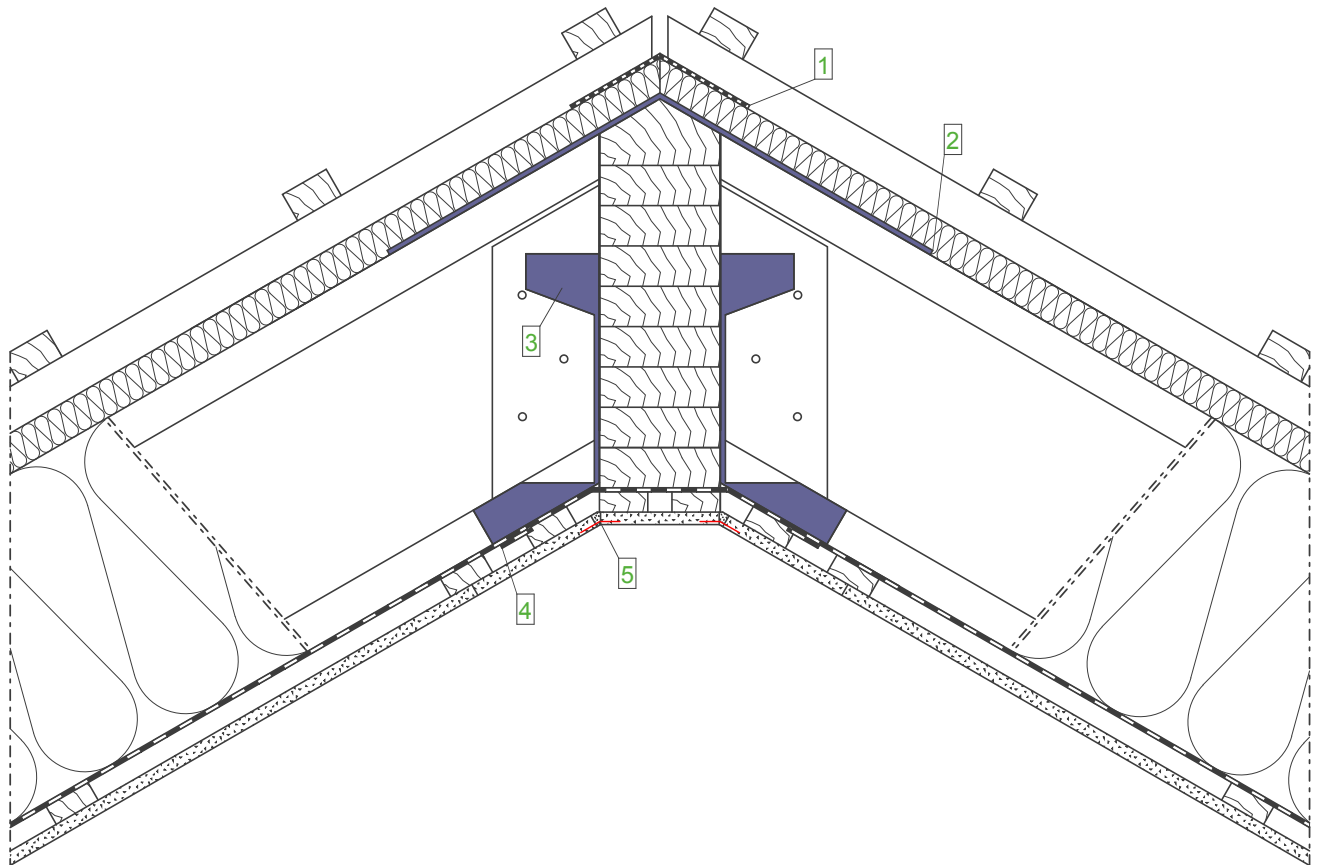
Detailnummer: DA-SD-ZSD-1-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5





Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti tape + STEICOMulti primer |
| 2 | Possibly tension strap (DN > 30°) |
| 3 | Steel sheet e.g. LSSUI 35 "Simpson Strong-Tie" |
| 4 | Taping (vapour barrier stripe), airtight tape |
| 5 | Paper joint re-inforcement band filled |

Important Note:

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Ridge - Side connection with metalwork

Datum: 23-03-2015

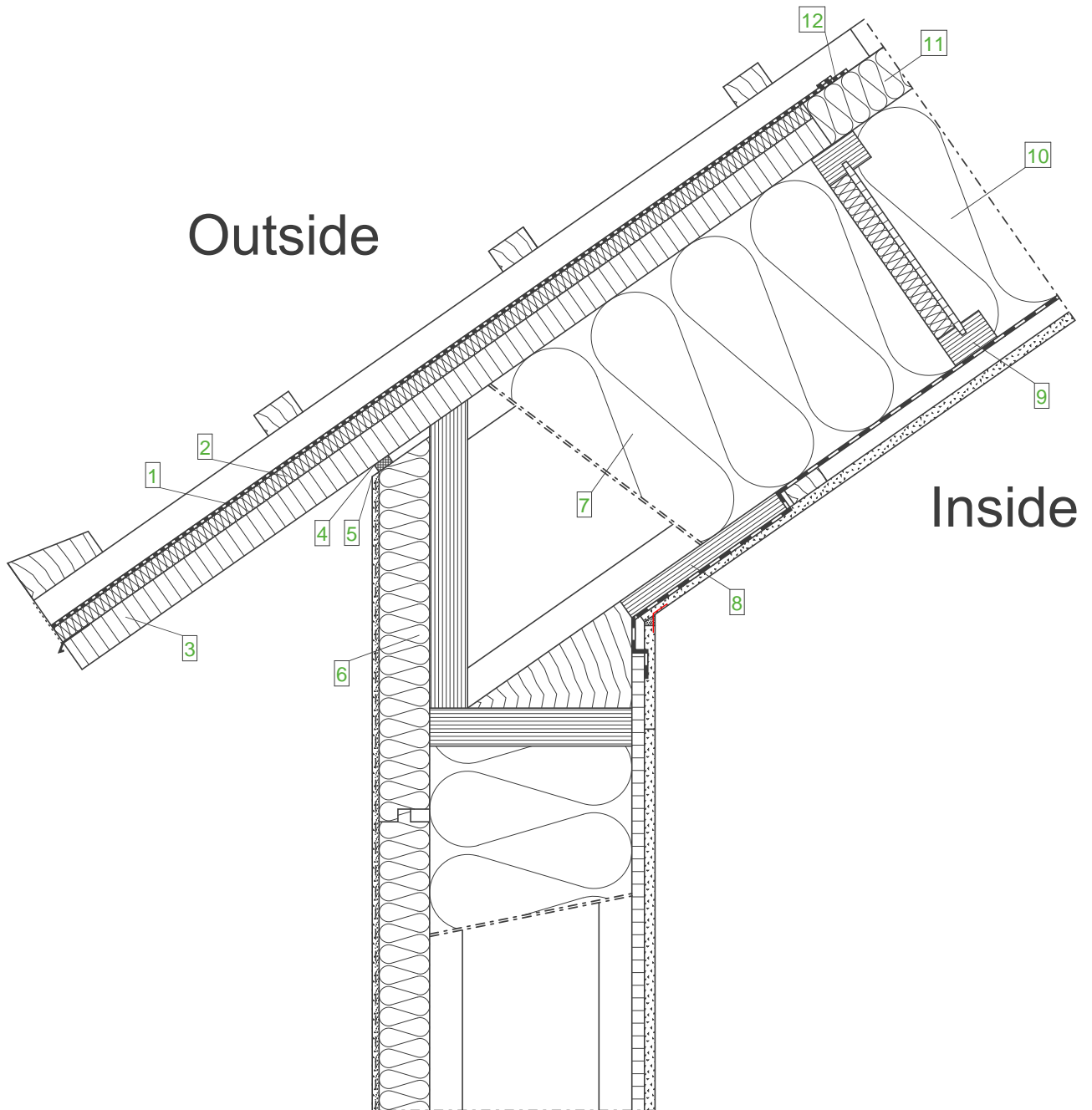
Detailnummer: DA-SD-ZSD-1-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOzell
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmultip UDB (only in eaves zone) |
| 2 | STEICOuniversal 22 mm, assembled on site |
| 3 | STEICO LVL-X 39 mm with surface treatment, on site fitted projecting roof board |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOprotect H, adjusted on site |
| 7 | STEICOflex in assembled frame |
| 8 | STEICO LVL X sheat cleat |
| 9 | I-Joist as studs |
| 10 | STEICOzell in insulation zone |
| 11 | STEICOuniversal 60 mm, factory assembled |
| 12 | STEICOmultip tape + STEICOmultip primer |

Important Note:

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Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02-04-2015

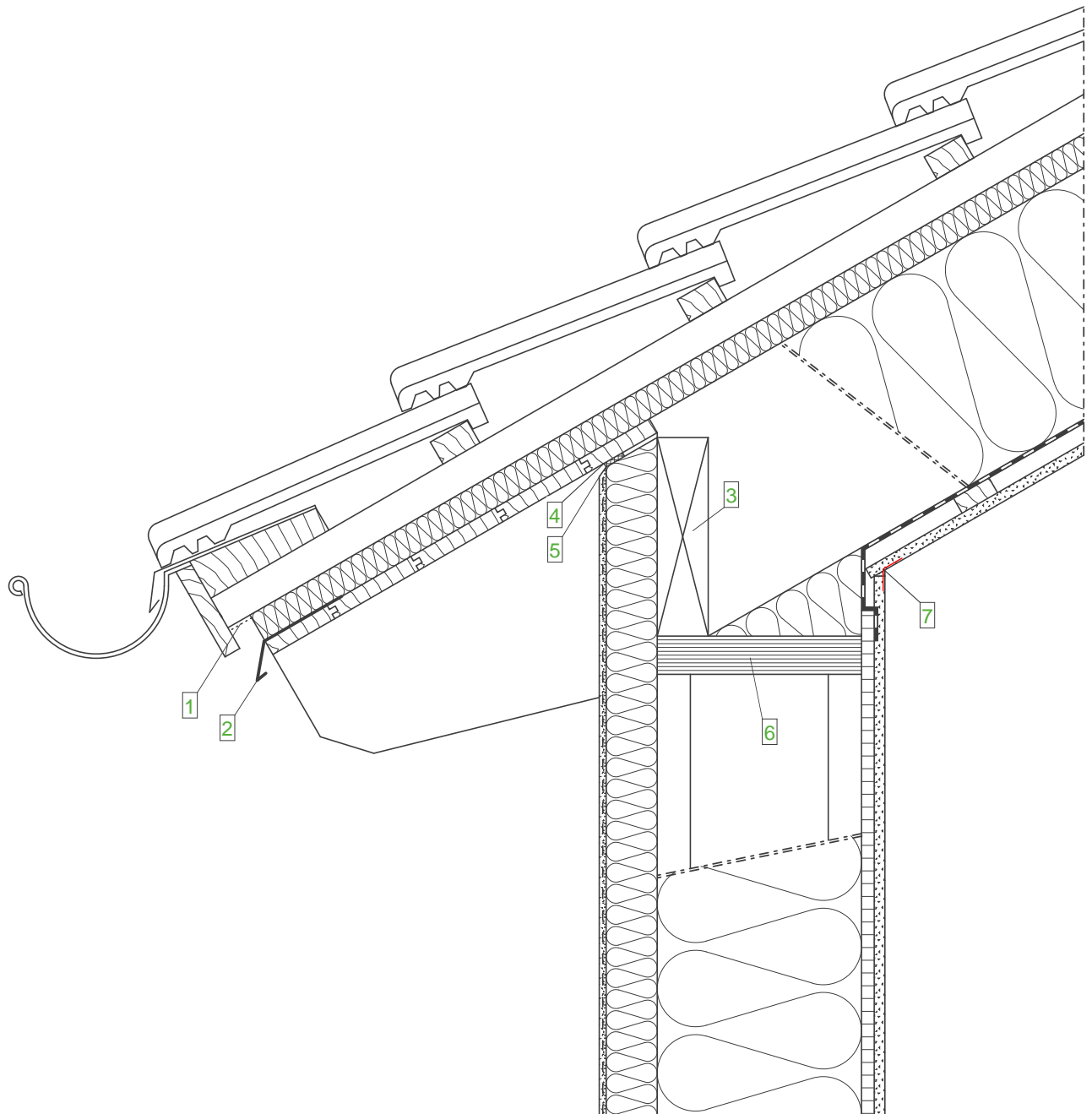
Detailnummer: AW-WDVS-HRB-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking between the rafters |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02-04-2015

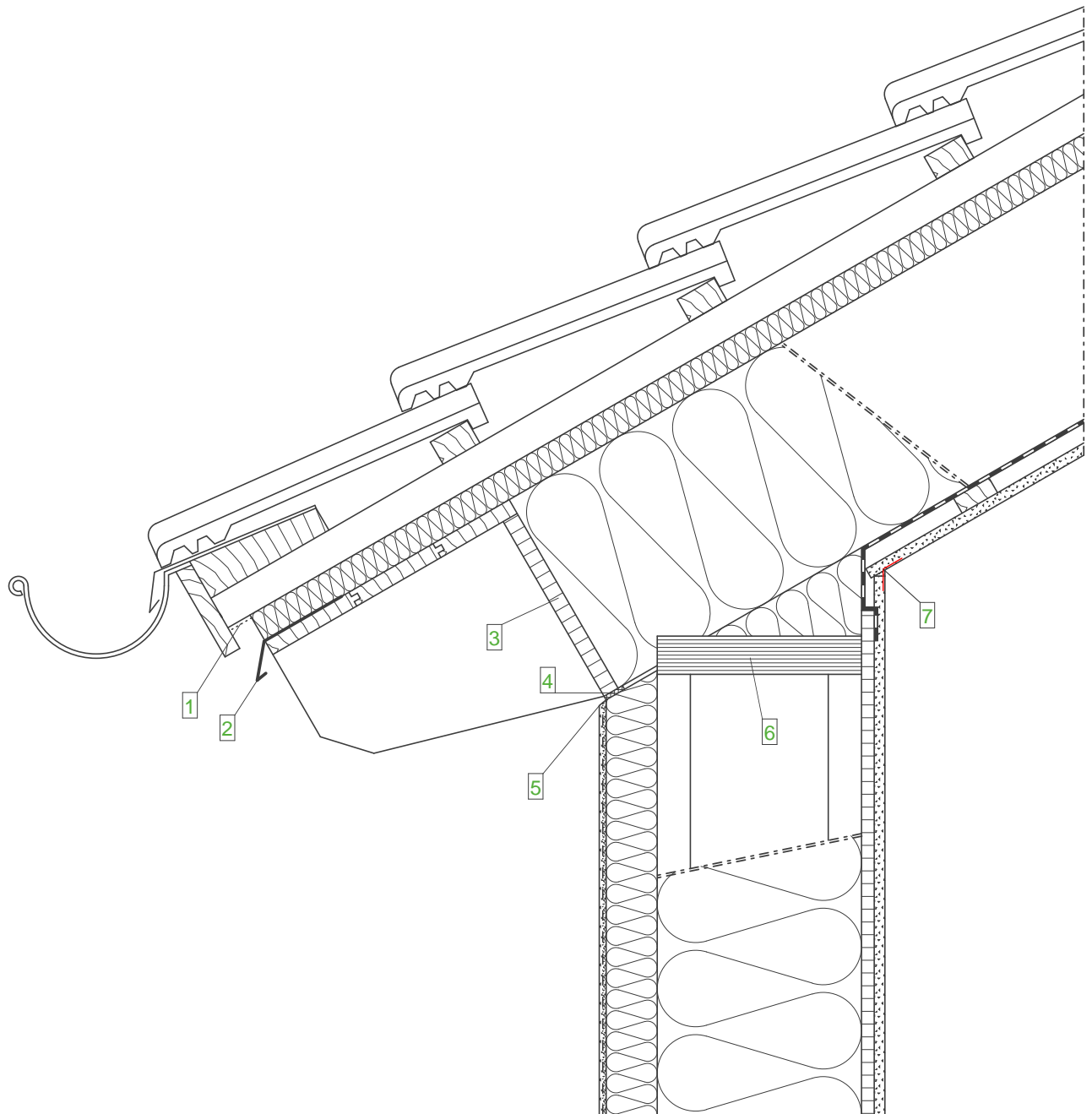
Detailnummer: AW-WDVS-HRB-6-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Paper joint re-inforcement band |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

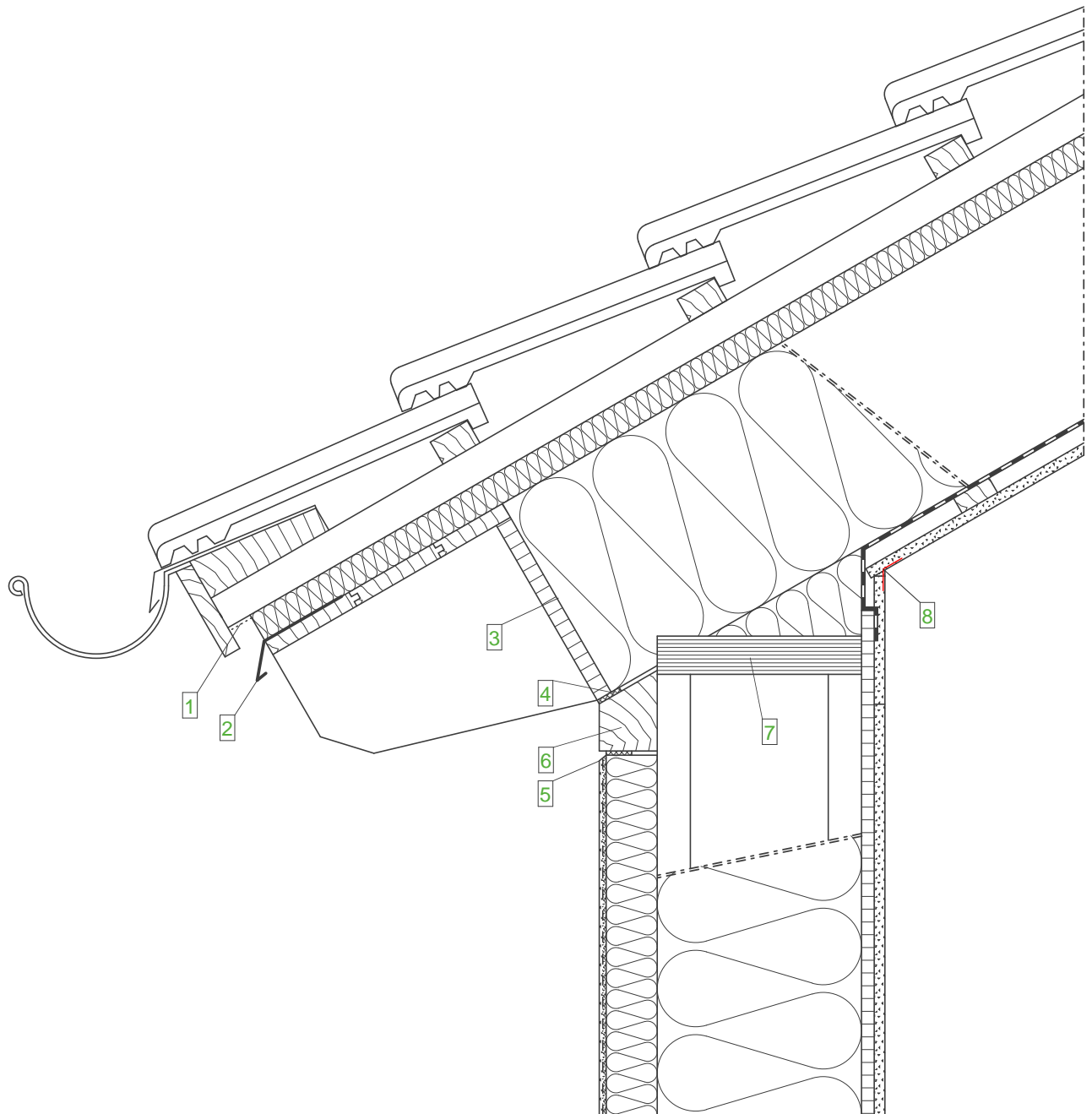
Detailnummer: AW-WDVS-HRB-6-40

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | End timber |
| 7 | STEICO LVL Laminated Veneer Lumber |
| 8 | Paper joint re-inforcement band fill |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, with end timber (element assembly)

Datum: 02-04-2015

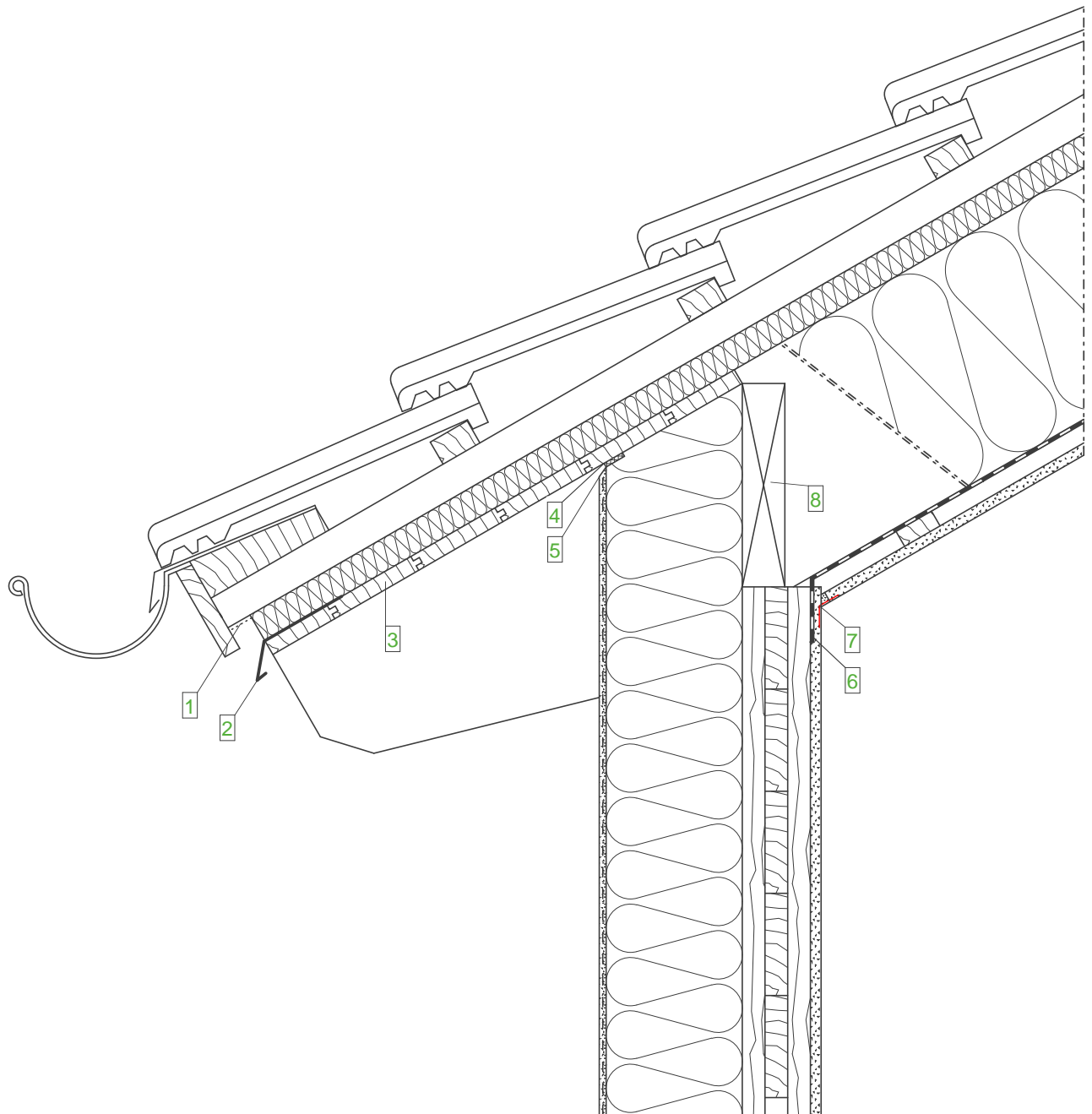
Detailnummer: AW-WDVS-HRB-6-50

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen



**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid wood rafter (glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Visible eaves sheathing |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOMulti tape |
| 7 | Paper joint re-inforcement band filled |
| 8 | Batten between the rafter |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter, ETICS between the rafter

Datum: 02-04-2015

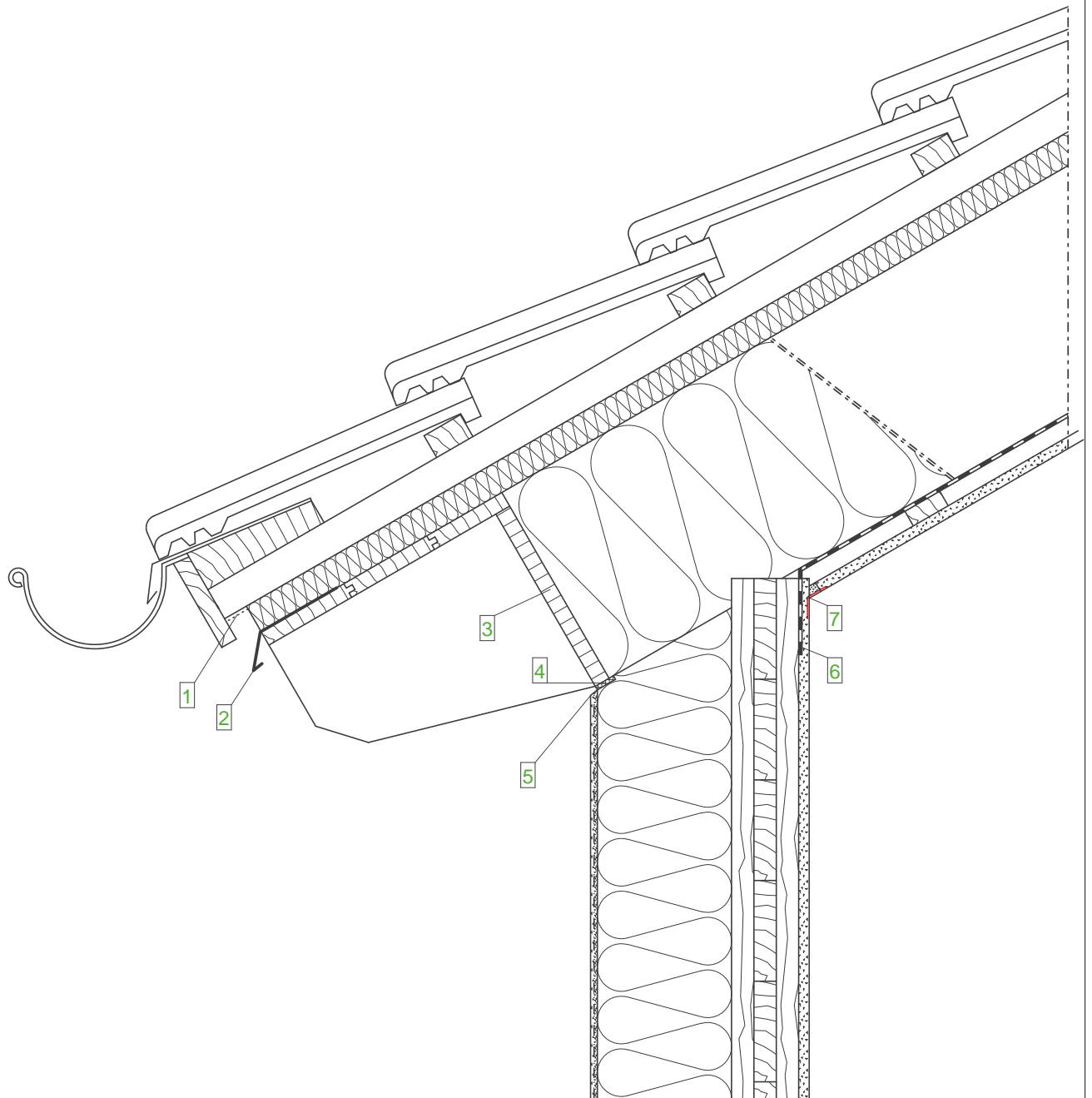
Detailnummer: AW-WDVS-MH-6-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid wood rafter (glulam)
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICOmultipaper |
| 7 | Paper joint re-inforcement band filled |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

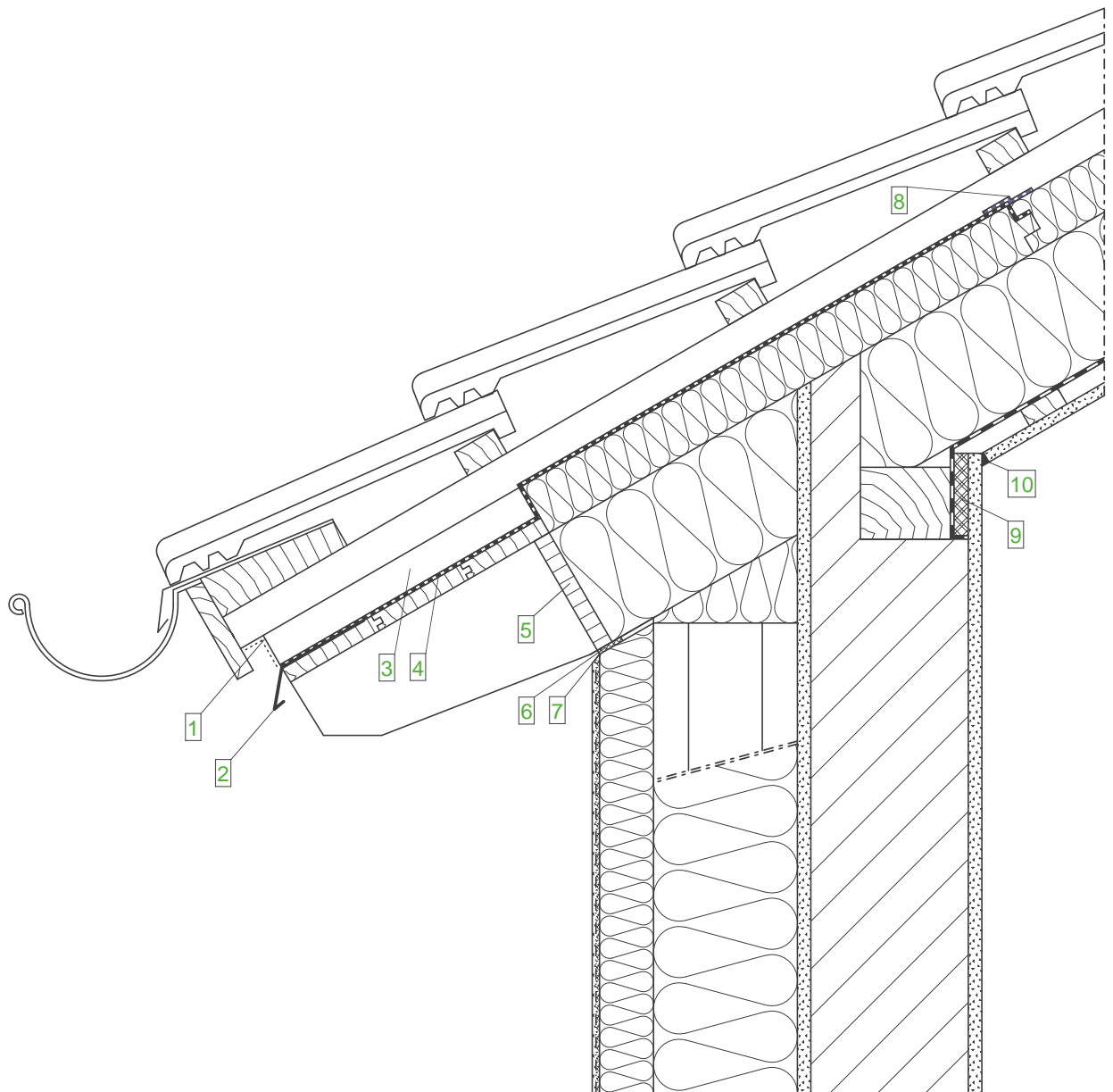
Detailnummer: AW-WDVS-MH-6-30

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid timber rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Rafter doubling |
| 4 | STEICOMulti UDB (only in eaves zone) |
| 5 | Blocking panels |
| 6 | Joint sealing tape |
| 7 | Trowelled joist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | Render board |
| 10 | Permanent elastic joint |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, solid wood rafter with blocking panels

Datum: 02-04-2015

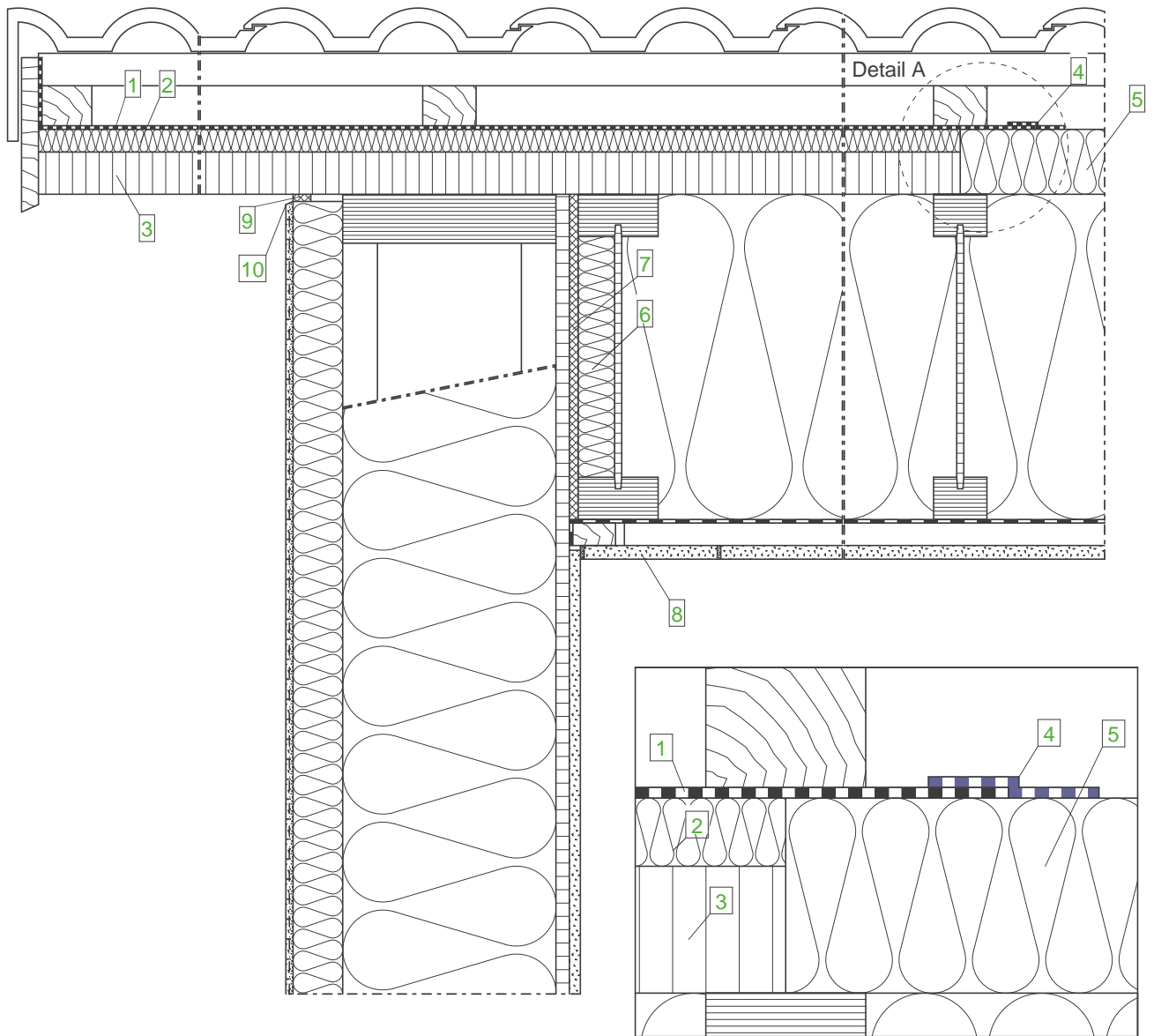
Detailnummer: AW-WDVS-MWHU-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

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Detail A, M 1:2,5

**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOzell
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | STEICOmultip UDB (only in verge area) |
| 2 | STEICOuniversal 22 mm |
| 3 | STEICO LVL-X 39 mm with surface treatment |
| 4 | STEICOmultip tape + STEICOmultip primer |
| 5 | STEICOuniversal 60 mm on the roof surface |
| 6 | Web insulation |
| 7 | Compressible insulation at connection |
| 8 | Mounting cover |
| 9 | Joint sealing tape |
| 10 | Trowelled joist |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, STEICO LVL projecting roof board (without rafter doubling)

Datum: 02-04-2015

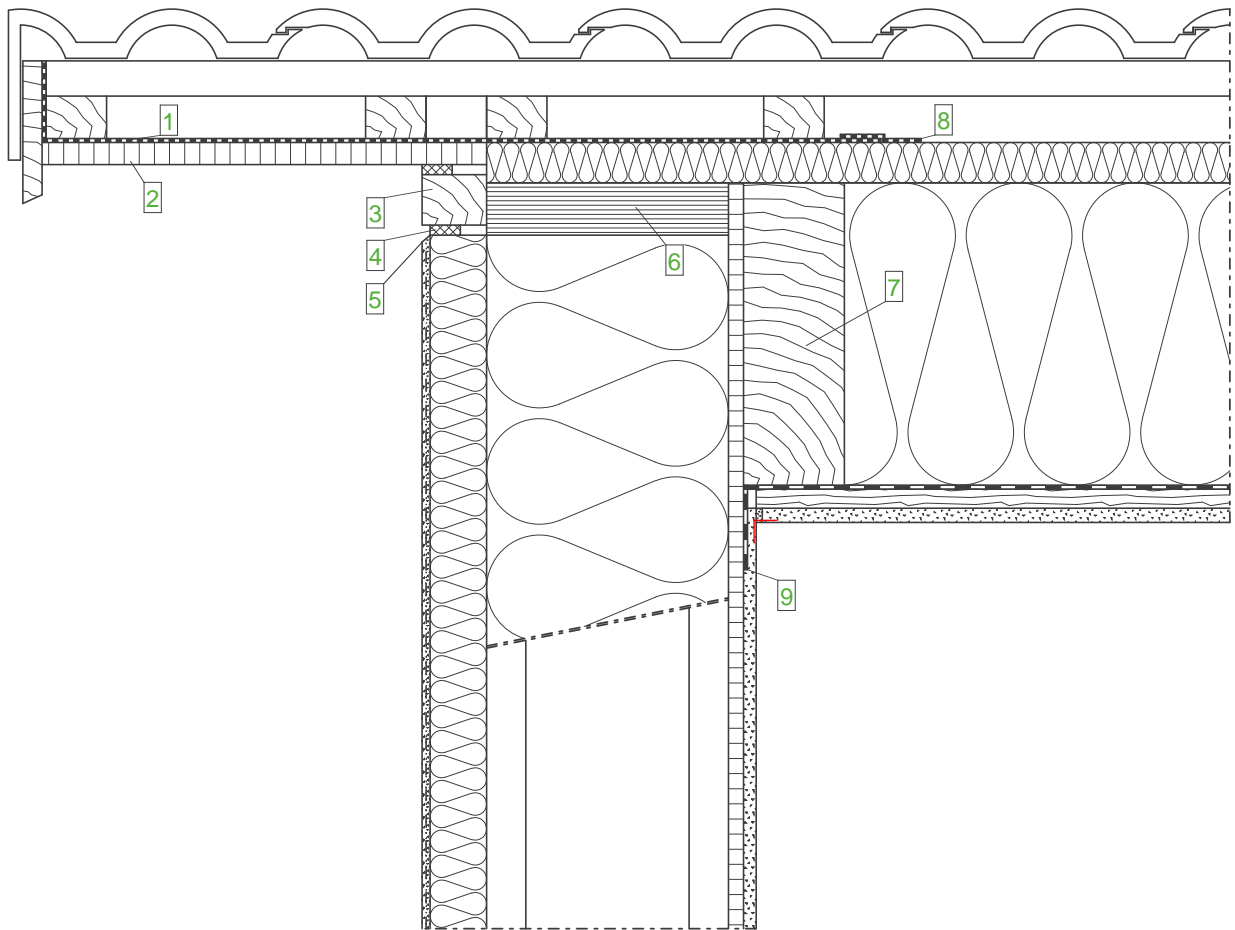
Detailnummer: AW-WDVS-HRB-6-60

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- Solid wood rafter (Glulam)
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | Visible soffit board |
| 3 | End timber |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Solid wood rafter or optional STEICOjoist |
| 8 | STEICOMulti tape + STEICOMulti primer |
| 9 | STEICOMulti tape |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, with end timber (element assembly)

Datum: 02-04-2015

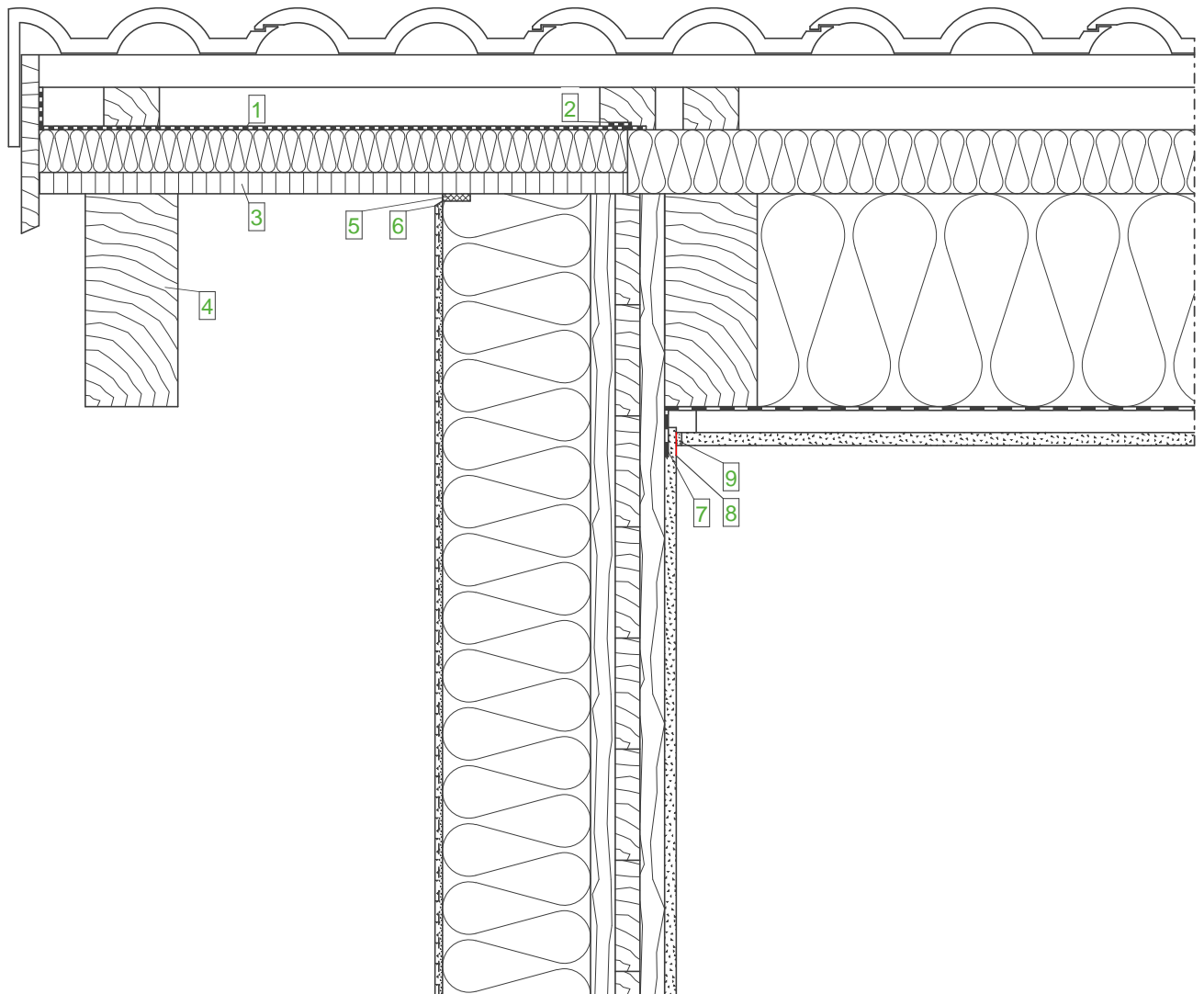
Detailnummer: AW-WDVS-HRB-6-80

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
solid wood rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | STEICOMulti tape |
| 8 | Separating strips |
| 9 | Joint trowel |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02-04-2015

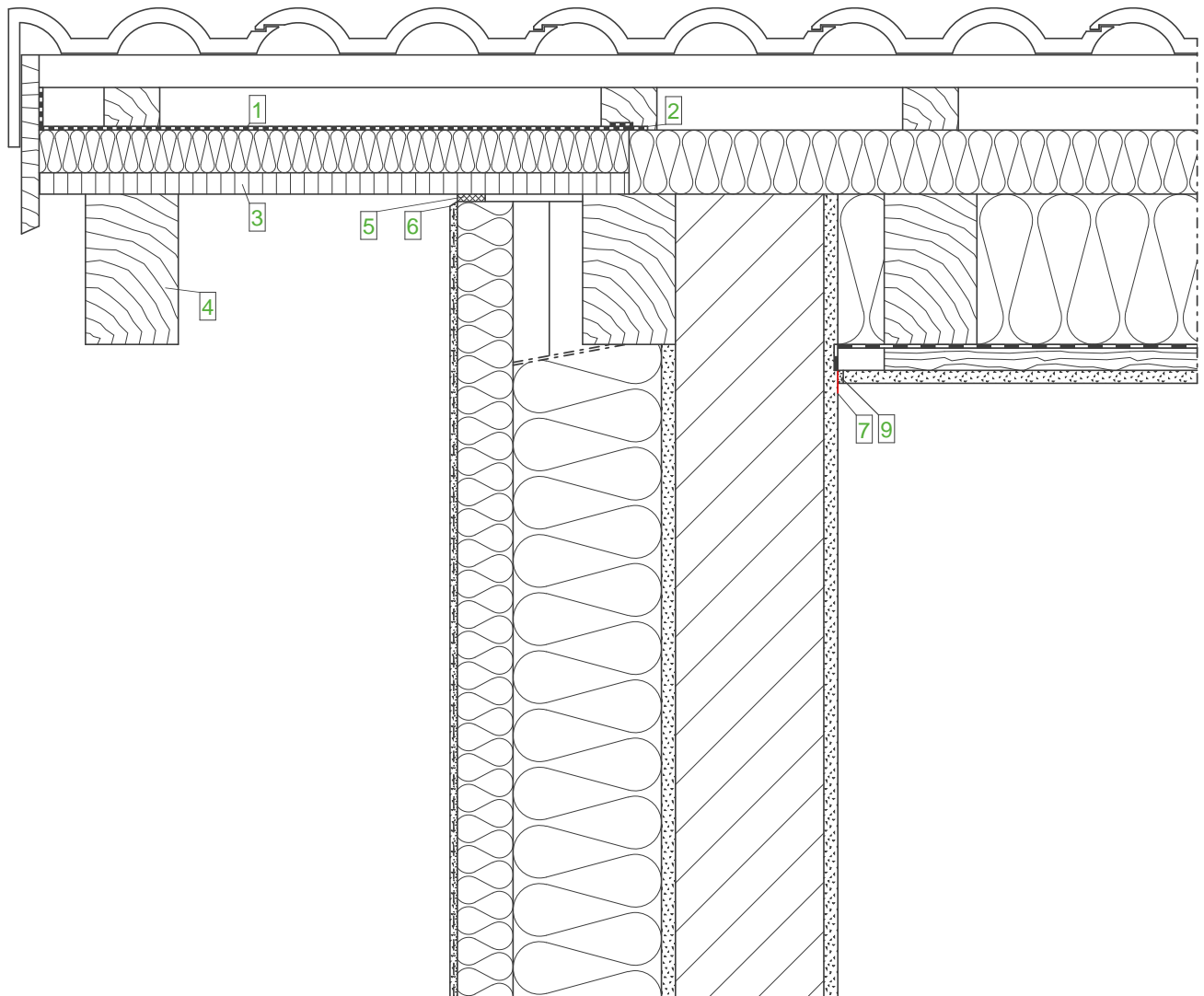
Detailnummer: AW-WDVS-MH-6-50

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

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**External wall construction
(from inside to outside)**

- Render layer
- Masonry wall
- Render layer
- STEICOWall optional
- solid timber
- STEICOflex
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- solid timber rafter
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | STEICOMulti UDB (only in verge area) |
| 2 | STEICOMulti tape + STEICOMulti primer |
| 3 | Visible whitewood - three layer panels |
| 4 | Visible projecting roof rafter |
| 5 | Joint sealing tape |
| 6 | Trowelled joist |
| 7 | Separating strips |
| 8 | Joint trowel |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Verge, visible projecting roof rafter

Datum: 02-04-2015

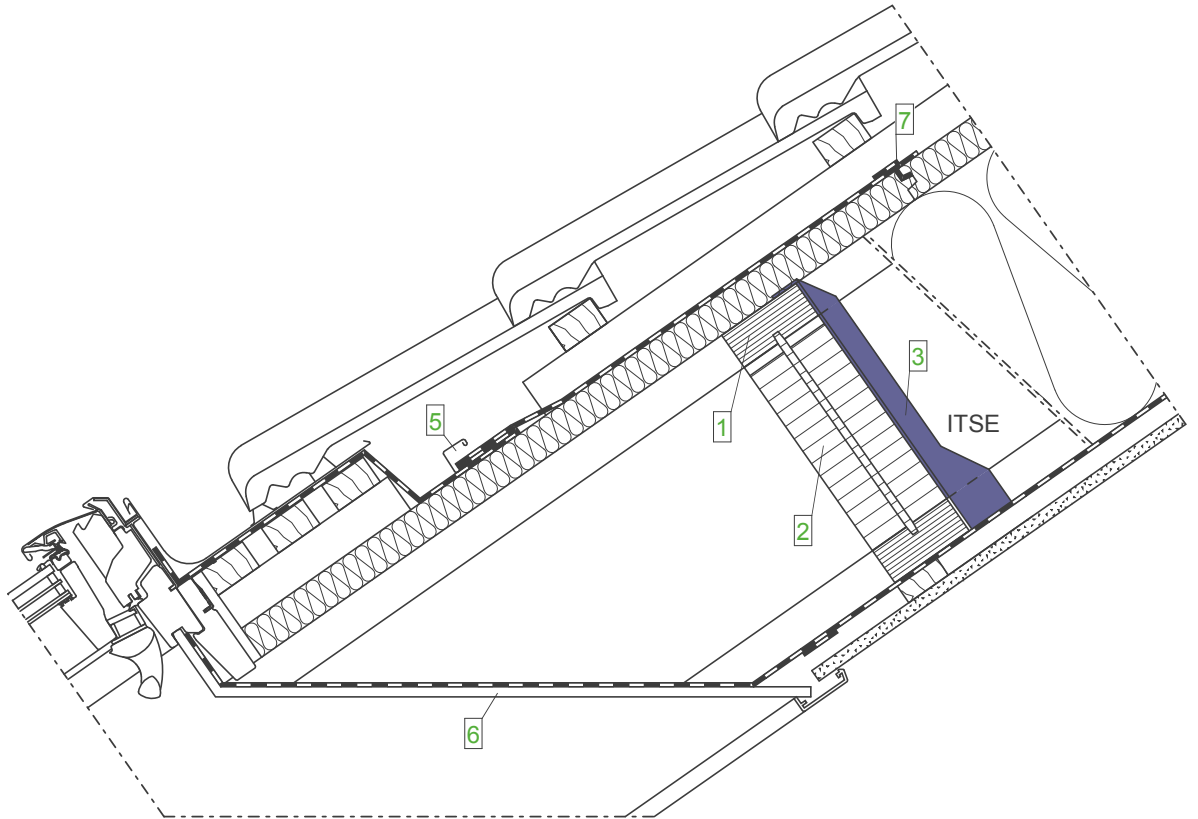
Detailnummer: AW-WDVS-MWHU-6-20

Änderung: 04-04-2017

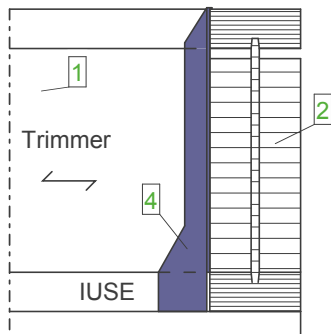
Bearbeiter: A. Luz

Maßstab: 1 : 7.5

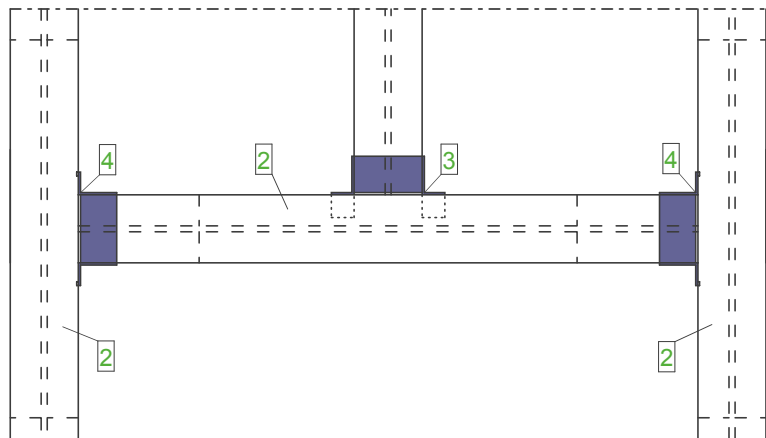
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Connection trimmer on rafter



Bottom view M 1:10



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Timmer I-Joist STEICOjoist |
| 2 | Filling timber |
| 3 | Metal sheet Simpson Strong-Tie ITSE |
| 4 | Metal sheet Simpson Strong-Tie IUSE |
| 5 | Flashing and water drainage channel |
| 6 | Interior lining rooflight |
| 7 | STEICOMulti tape + STEICOMulti primer |

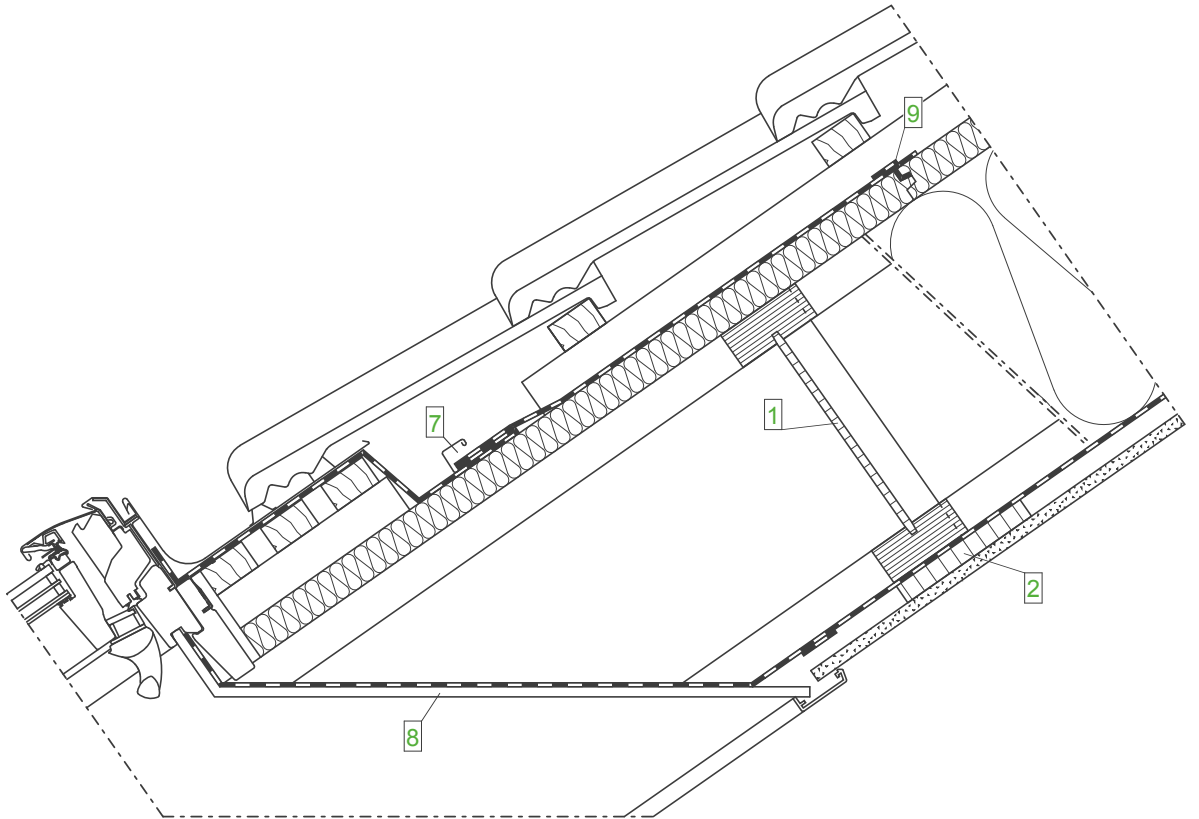
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

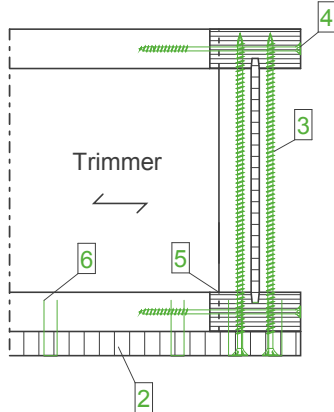
Rooflight - Trimmer connection with metalwork

Datum: 23-03-2015	Detailnummer: DA-SD-ZSD-4-10
Änderung: 04-04-2017	Bearbeiter: A. Luz
	Maßstab: 1 : 7.5

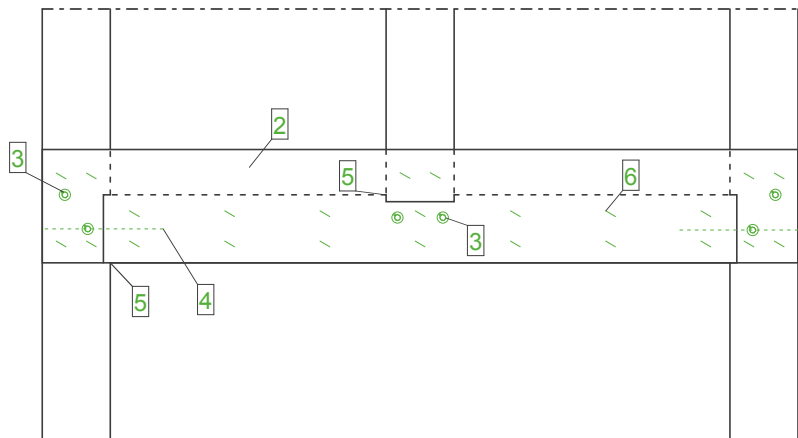




Connection trimmer on rafter



Bottom view M 1:10



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

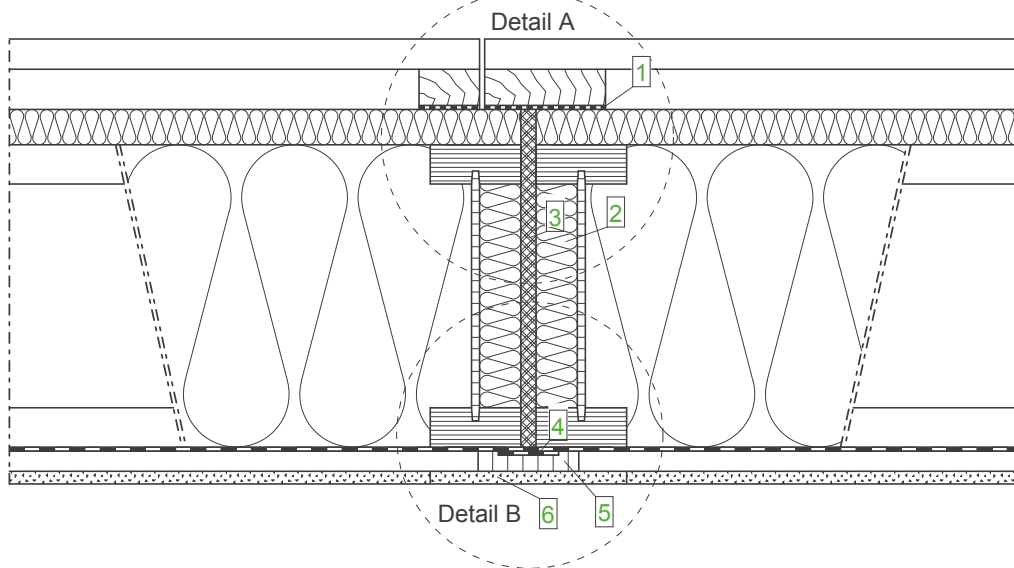
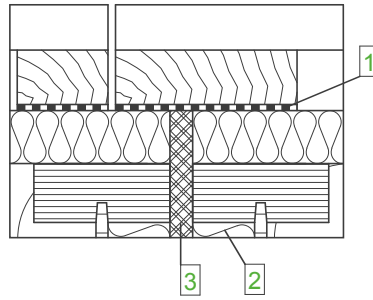
- | | |
|---|---|
| 1 | Trimmer I-Joist STEICOjoist |
| 2 | Laminated Veneer Lumber plate STEICO LVL X |
| 3 | Fully threaded screws, 2 piece per connection |
| 4 | Part threade screw, only structural, 2 piece per connection |
| 5 | Notch on rafter |
| 6 | Staples only structural |
| 7 | Flashing and water drainage channel |
| 8 | Interior lining rooflight |
| 9 | STEICOmultiprimer + STEICOmultiprimer |

Important Note:

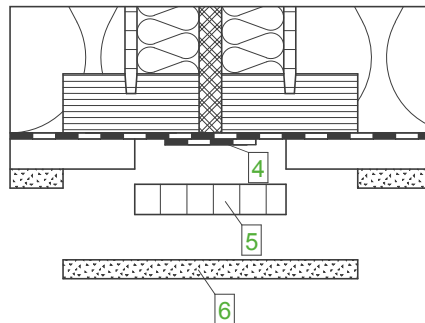
The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Rooflight - Trimmer connection without metalwork			
Datum: 23-03-2015	Detailnummer: DA-SD-ZSD-4-20		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	

Detail A, M 1:5 $\geq 30 \text{ mm}$



Detail B, M 1:5



Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

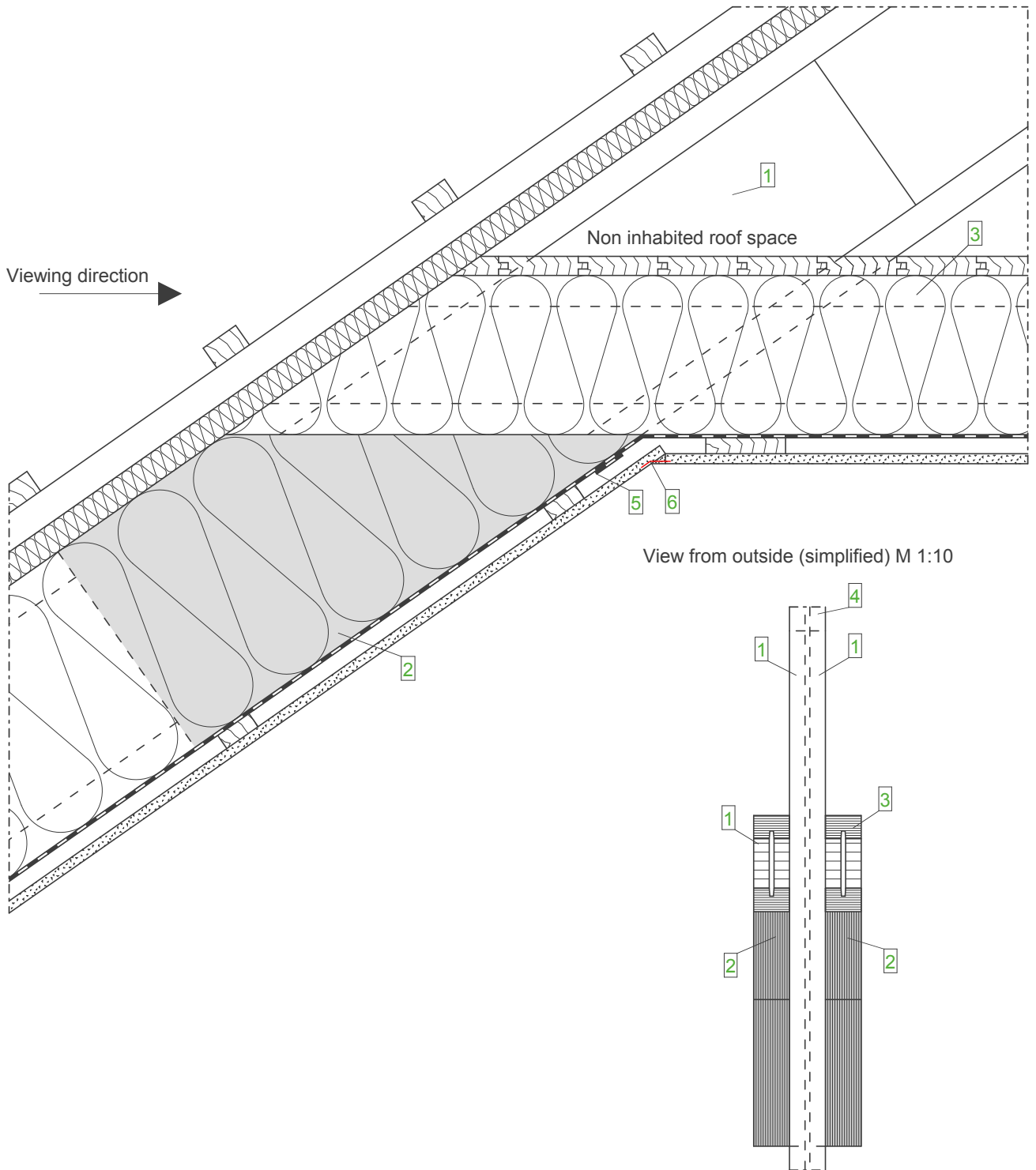
Legend:

1	Nail tight tape
2	Web insulation
3	Compressable insulation at connection
4	STEICOMulti tape
5	Connection plate STEICO LVL X Laminated Veneer Lumber
6	Plasterboard mounting cover

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Element joint - Roof element joint			
Datum: 02-04-2015	Detailnummer: DA-SD-ZSD-5-10		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	



Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Intermediate floor construction (from top to bottom)

- Floorboard
- STEICOflex
- STEICOjoist
- Vapour barrier
- Batten
- Plasterboard

Legend:

1	Filling timber
2	Laminated Veneer Lumber STEICO LVL angle timber
3	Collar beam
4	Rafter, STEICOjoist
5	STEICOmulti tape, airtight tape
6	Paper re-inforcement band filled

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

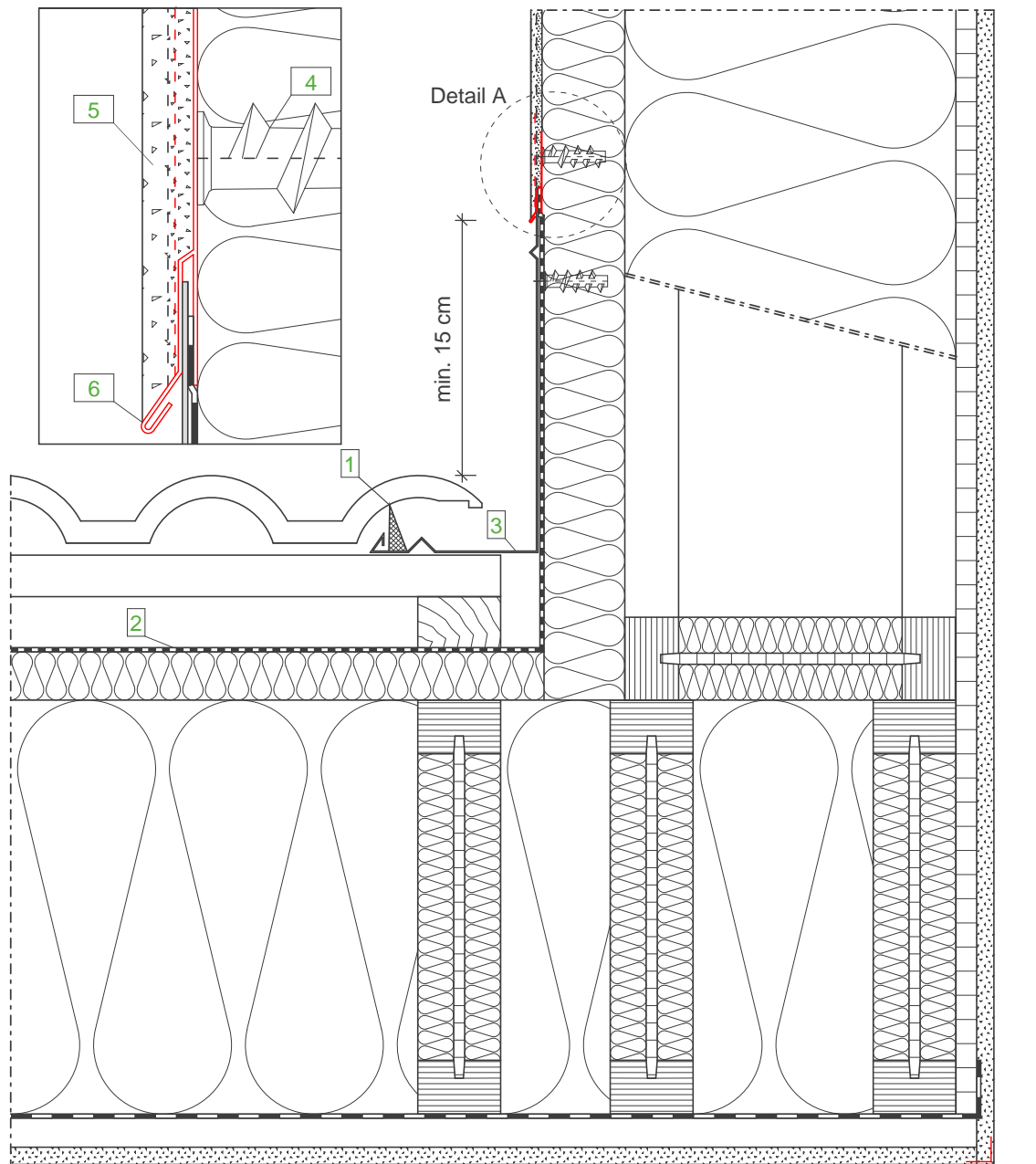
Collar tie connection		
Datum: 23-03-2015	Detailnummer: DA-SD-ZSD-6-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5



Outside

Inside

Detail A, M 1:1



Wall construction (Gable)
(from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Roof construction
(from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOUNiversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Foam wedge |
| 2 | Taping, roofing felt in connection area |
| 3 | Metal sheet as gutter |
| 4 | Screw plug |
| 5 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 6 | Metal connection profile |
| 7 | Corner angle |

Inside

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Gable cheek, continuous wall

Datum: 23-03-2015

Detailnummer: AW-WDVS-HRB-6-90

Änderung: 22-03-2017

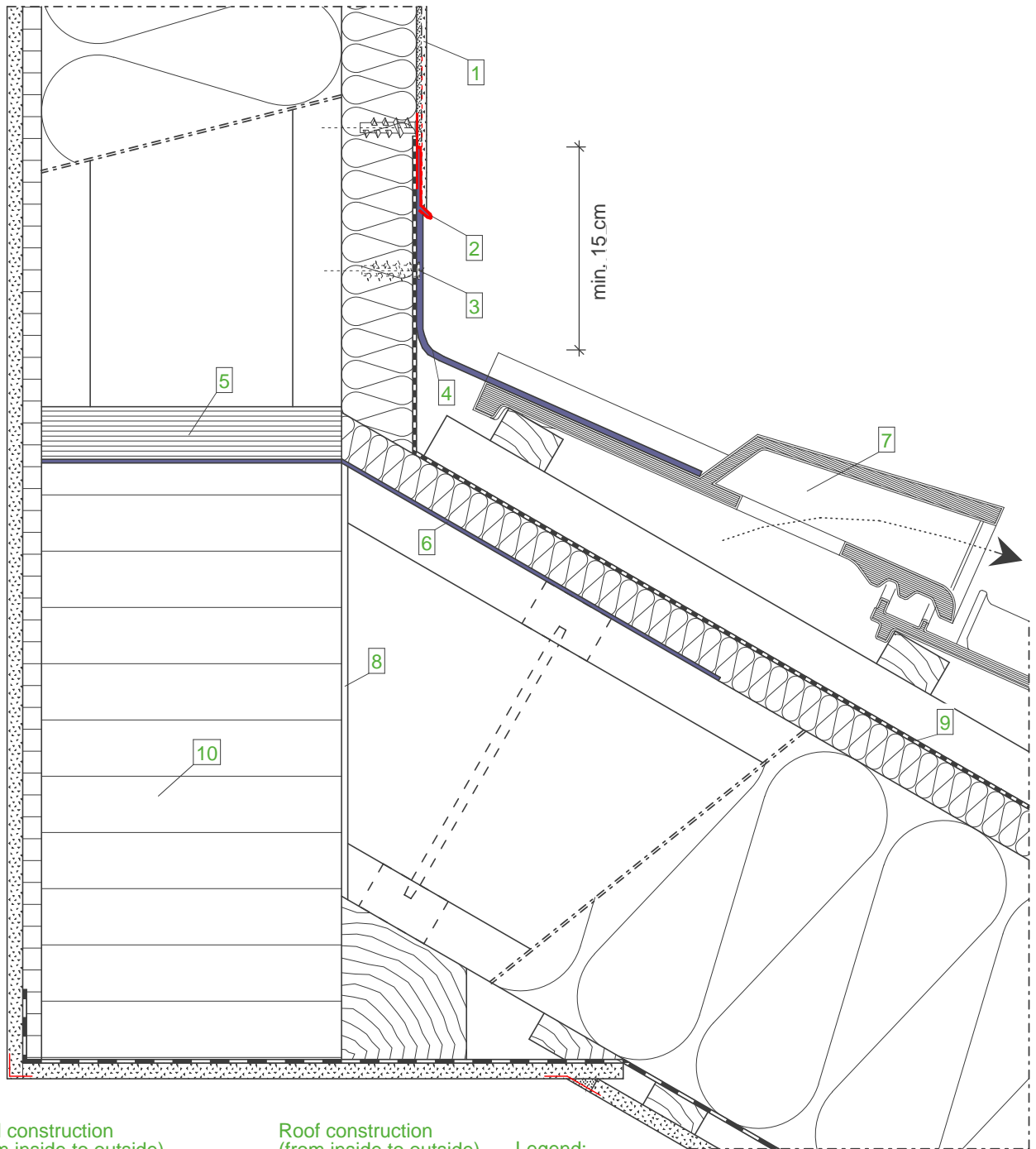
Bearbeiter: A. Luz

Maßstab: 1 : 5.0

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Inside

Outside



Wall construction (from inside to outside)

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

Roof construction (from inside to outside)

- Plasterboard
- Batten
- Vapour barrier
- STEICOflex
- STEICOjoist
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Re-inforced render including mesh with water repellent highly cured, cementitious tanking membrane |
| 2 | Metal connection profile |
| 3 | Screw plug |
| 4 | Wall connection tape |
| 5 | metal sheet upstand with lapped lead |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Tension strap (14° - 45°) |
| 8 | Vented tile |
| 9 | Air gap ca. 5 mm |
| 10 | Roofing felt in connection area, taped with STEICOMulti tape |
| | Glulam beam |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Connection to single pitch roof without rear ventilation

Datum: 23-03-2015

Detailnummer: AW-WDVS-HRB-6-100

Änderung: 30-03-2017

Bearbeiter: A. Luz

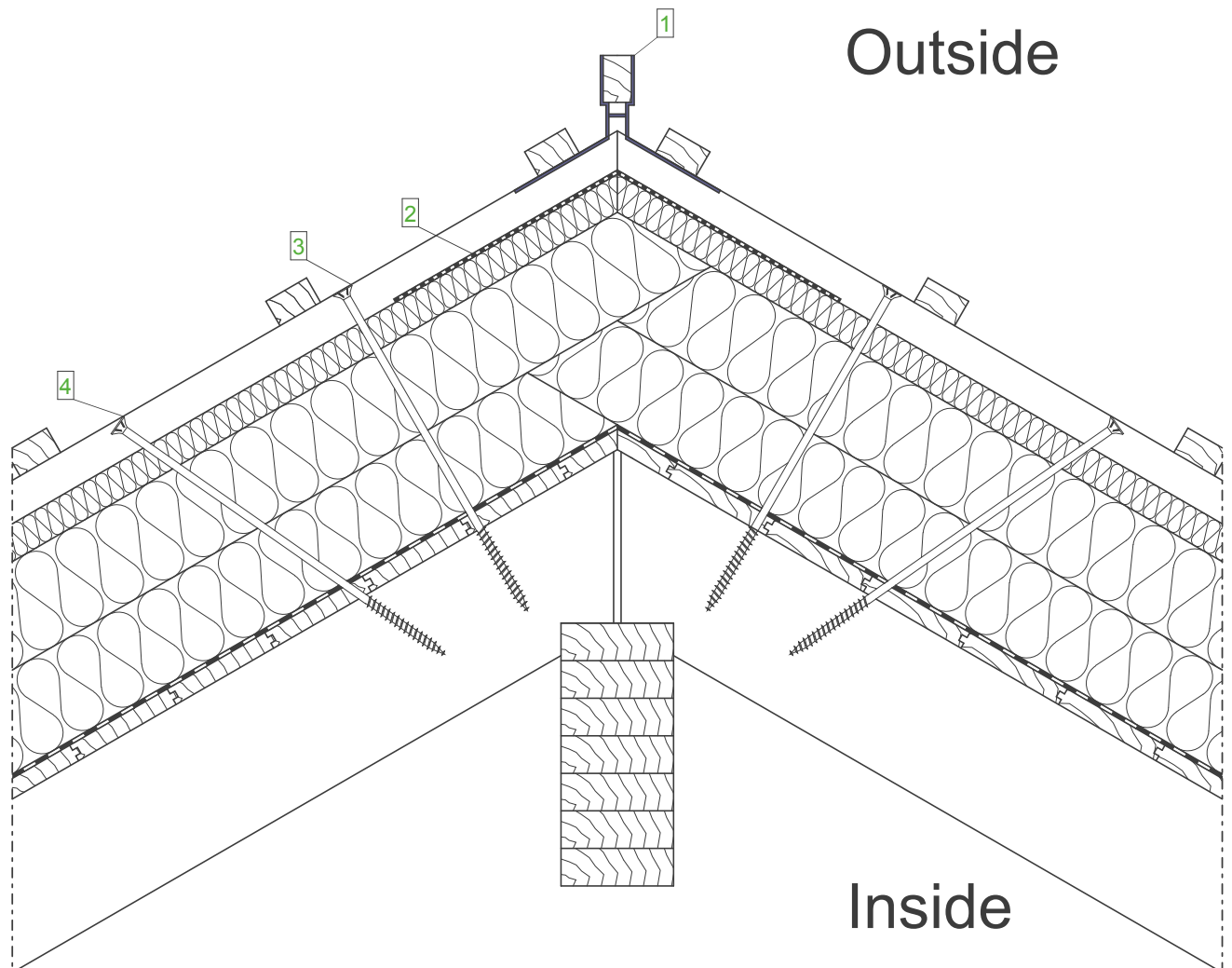
Maßstab: 1 : 5.0

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Roof - Pitched roof - Above rafter insulation

Roof construction
(from inside to outside)

Nr.	Material	Thickness in cm
1	Visible rafter	16.00
2	Timber cladding	1.90
3	Vapour barrier	-
4	STEICOftherm	20.00
5	STEICOUNiversal (below roof covering)	3.50
6	Counter batten 40 x 60	4.00
7	Support batten 30 x 50	3.00
8	Roof covering	



Roof construction
(from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Ridge batten support |
| 2 | STEICOMulti UDB, only in ridge zone
if required STEICOMulti tape + STEICOMulti primer |
| 3 | Single thread screw to secure for wind suction loads |
| 4 | Single thread screw to secure against shear loads |

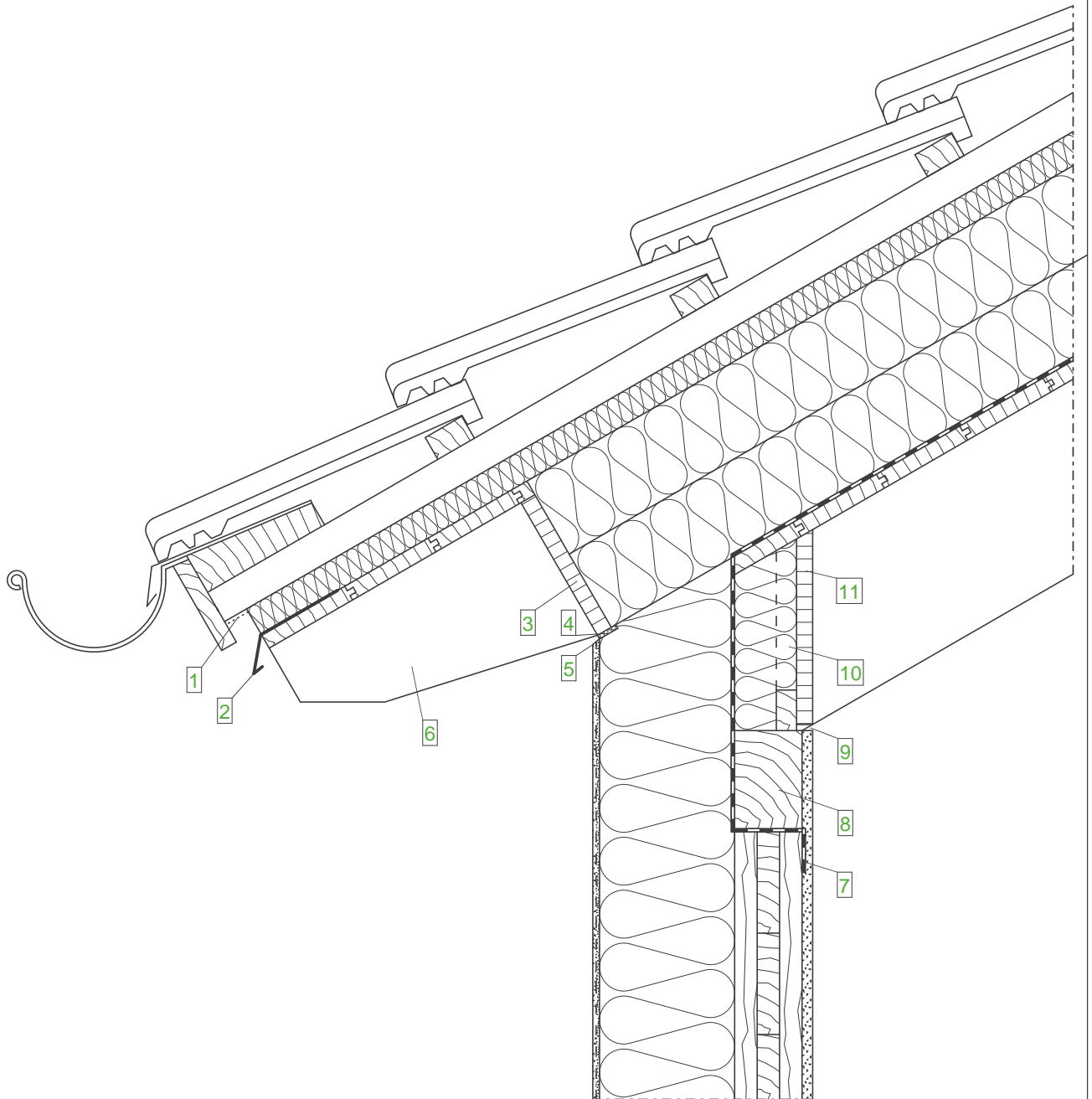
Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Ridge - Purlin roof truss

Datum: 23-03-2015	Detailnummer: DA-SD-ADD-1-10	
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5

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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall,
in connection area airtight tape
- STEICOprotect, fixed with
plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | STEICOMulti tape |
| 8 | Threshold |
| 9 | Shadow joint |
| 10 | Angled timber for connecting
the blocking panel |
| 11 | Blocking panels on room side |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02-04-2015

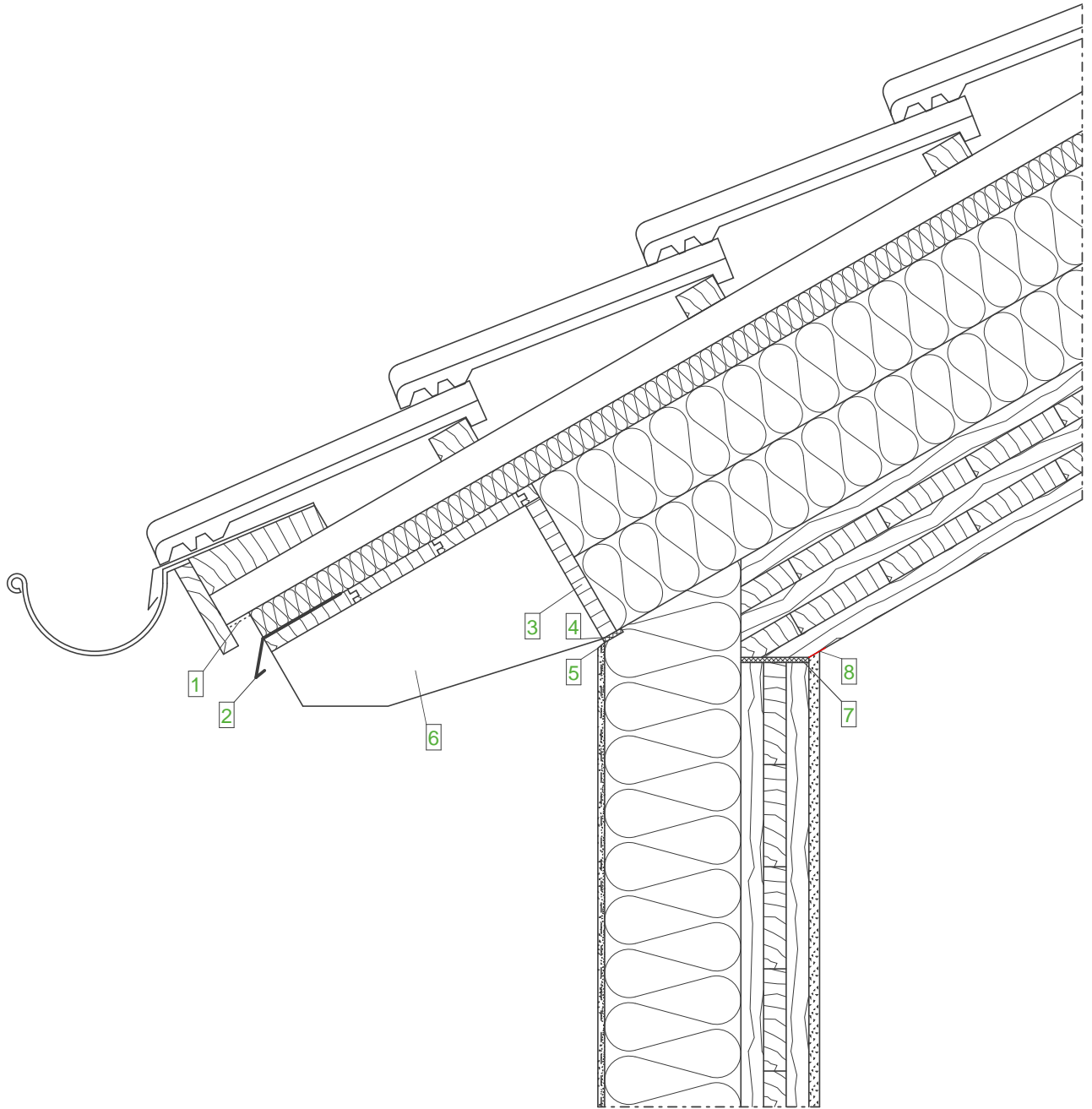
Detailnummer: AW-WDVS-MH-6-10

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

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**External wall construction
(from inside to outside)**

- Plasterboard
- CLT wall, in connection area airtight tape
- STEICOprotect, fixed with plate washers
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible CLT element
- STEICOtherm
- STEICOuniversal (below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|---------------------------------------|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panels (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Tilting fillet |
| 7 | Sealing tape |
| 8 | Separating strips |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Roof - Transitions - Eaves, CLT element, ETICS on blocking panels

Datum: 02-04-2015

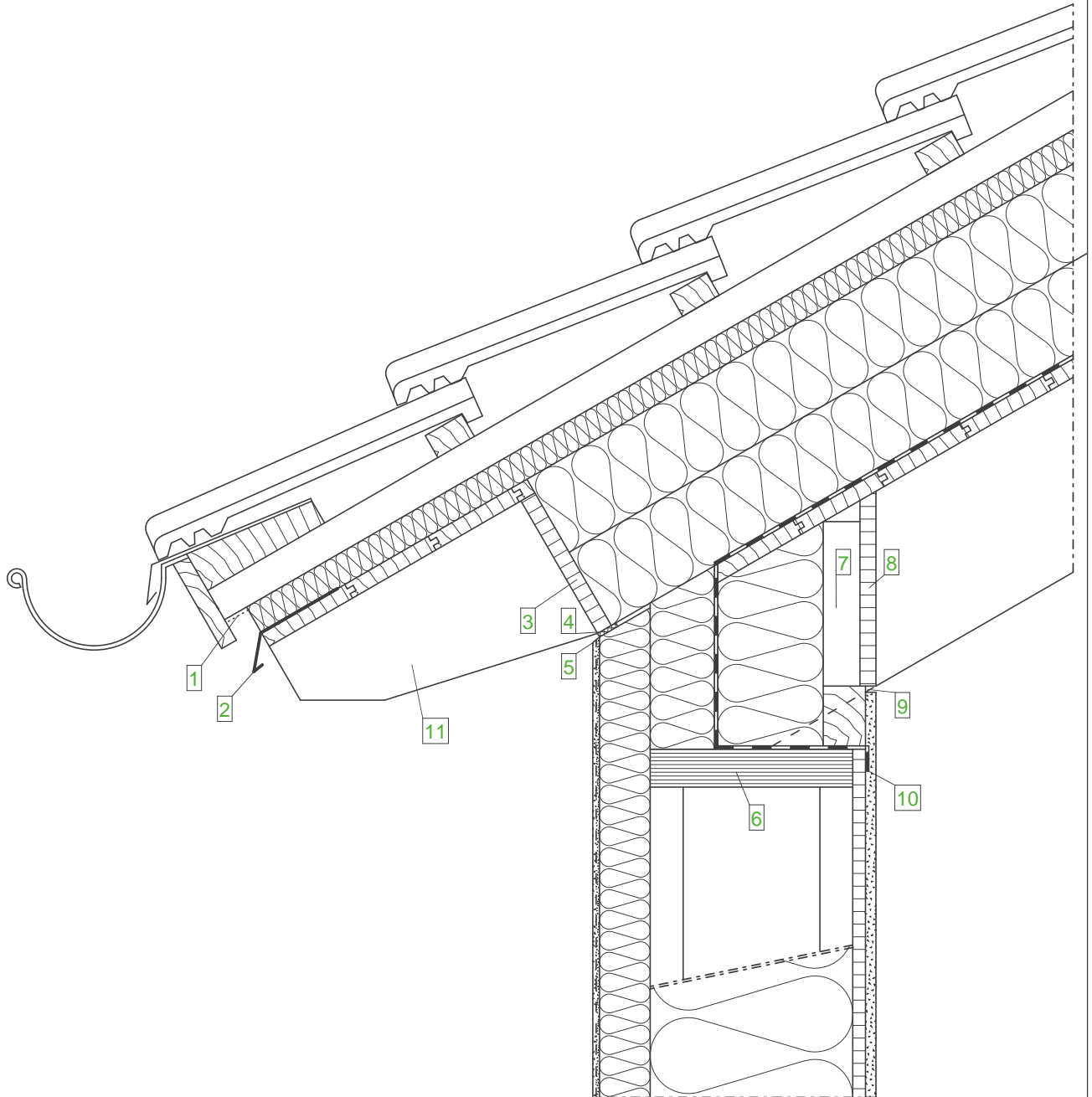
Detailnummer: AW-WDVS-MH-6-40

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

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**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|---|
| 1 | Insect screen |
| 2 | Drip plate |
| 3 | Blocking panel (notched into rafter) |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | STEICO LVL Laminated Veneer Lumber |
| 7 | Angled timber for connecting the blocking panel |
| 8 | Blocking panel on room side |
| 9 | Shadow joint |
| 10 | STEICOMulti tape |
| 11 | Tilting fillet |

Important Note:

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Roof - Transitions - Eaves, above rafter insulation, ETICS on blocking panels

Datum: 02-04-2015

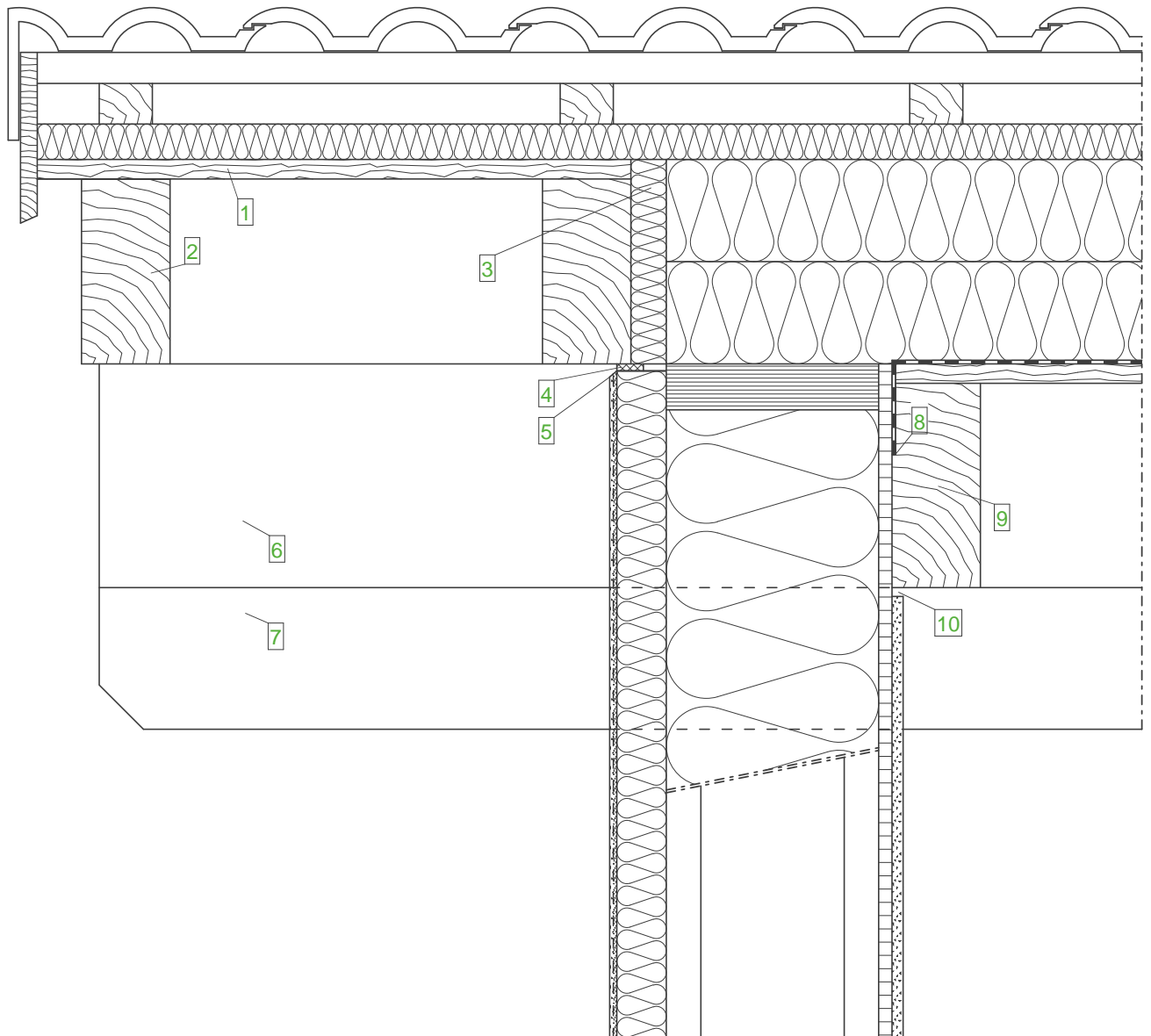
Detailnummer: AW-WDVS-HRB-6-20

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
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**External wall construction
(from inside to outside)**

- Plasterboard
- OSB, airtight tape
- STEICOflex
- STEICOWall
- STEICOprotect
- Approved plaster system

**Roof construction
(from inside to outside)**

- Visible rafter
- Visible sheathing
- Vapour barrier
- STEICOtherm
- STEICOuniversal
(below roof covering)
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|----|--|
| 1 | Visible verge sheathing |
| 2 | Visible projecting roof rafter |
| 3 | End of insulation layer, windproofness |
| 4 | Joint sealing tape |
| 5 | Trowelled joist |
| 6 | Purlin doubling |
| 7 | Purlin |
| 8 | STEICOmultip tape |
| 9 | Visible rafter |
| 10 | Shadow joint |

Important Note:

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Roof - Transitions - Verge, visible projecting roof rafter, above rafter insulation

Datum: 02-04-2015

Detailnummer: AW-WDVS-HRB-6-70

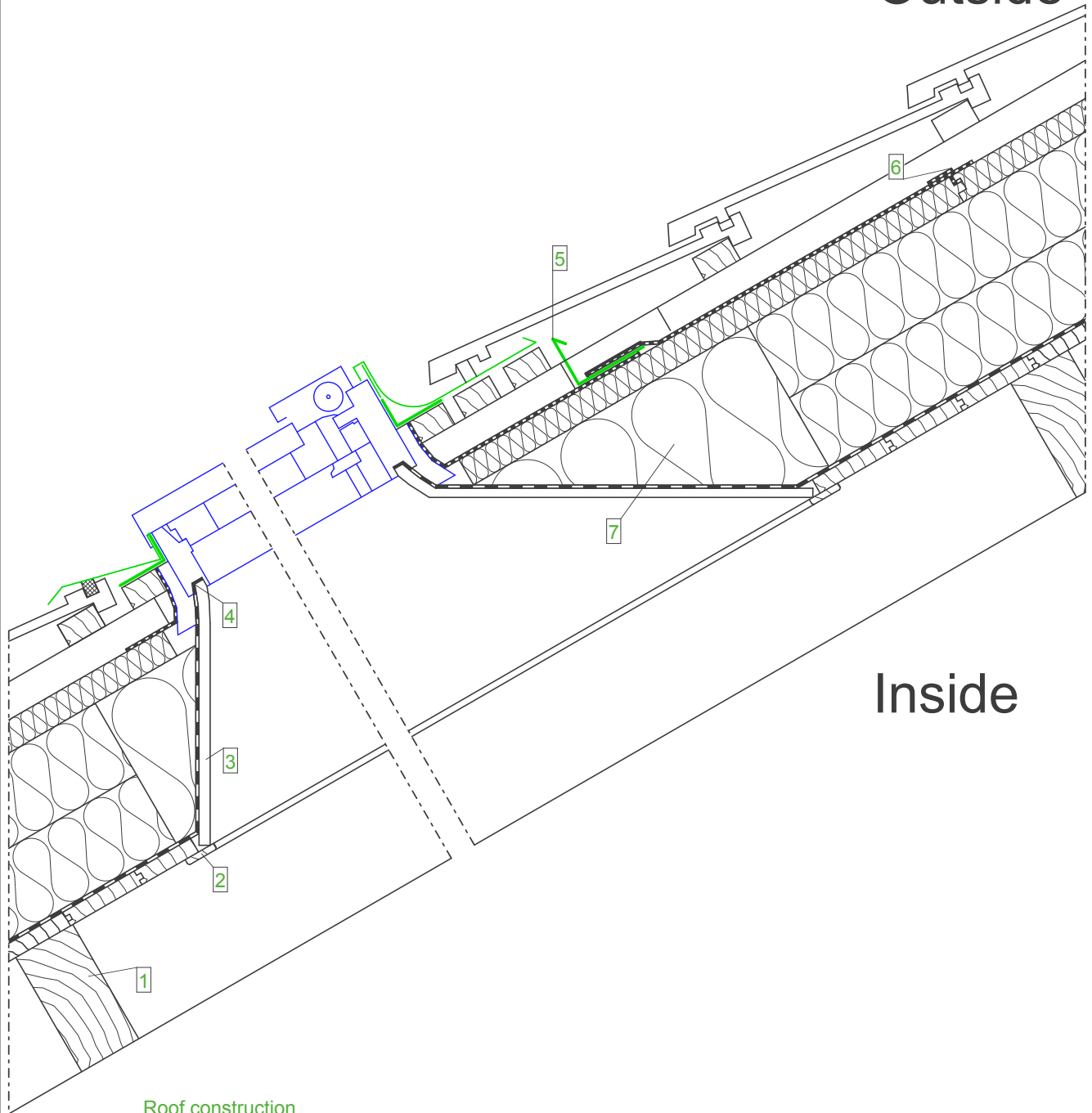
Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 7.5

STEICO
natürlich besser dämmen

Outside



Inside

Roof construction
(from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

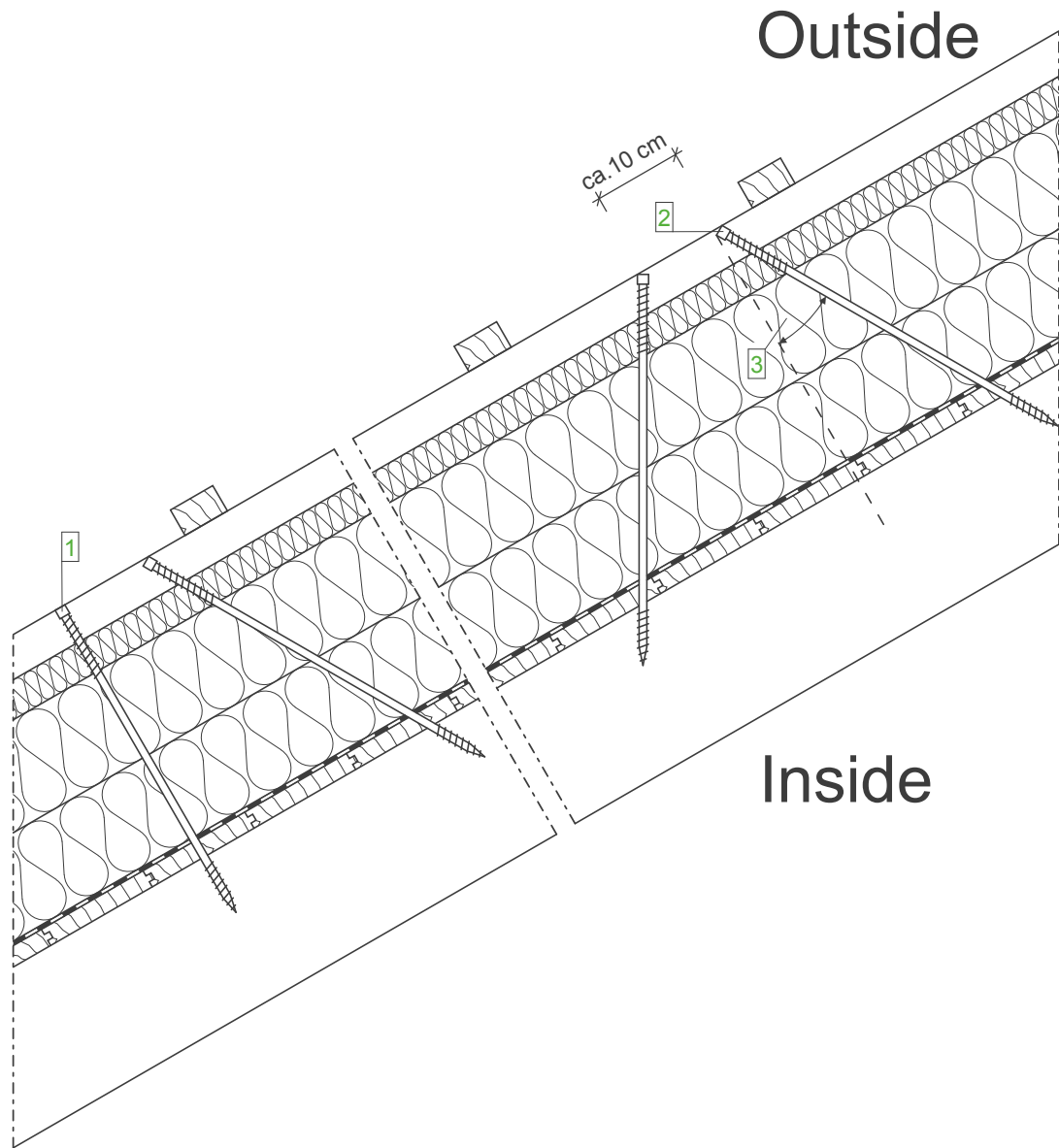
Legend:

1	Trimmer
2	Cover strip interior lining
3	Interior lining
4	Airtight tape
5	Flashing and water drainage channel
6	STEICOMulti tape + STEICOMulti primer
7	STEICOflex

Important Note:

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Rooflight			
Datum: 23-03-2015	Detailnummer: DA-SD-ADD-4-10		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	



**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

1	Dual threaded screw to secure for wind suction loads in 90° angle to rafter axis (spacing based on structural requirements)
2	Dual threaded screw (v-screwing) in default angle to rafter axis to secure against shear loads (spacing based on structural requirements)
3	Details in accordance with screw manufacturer

Note:

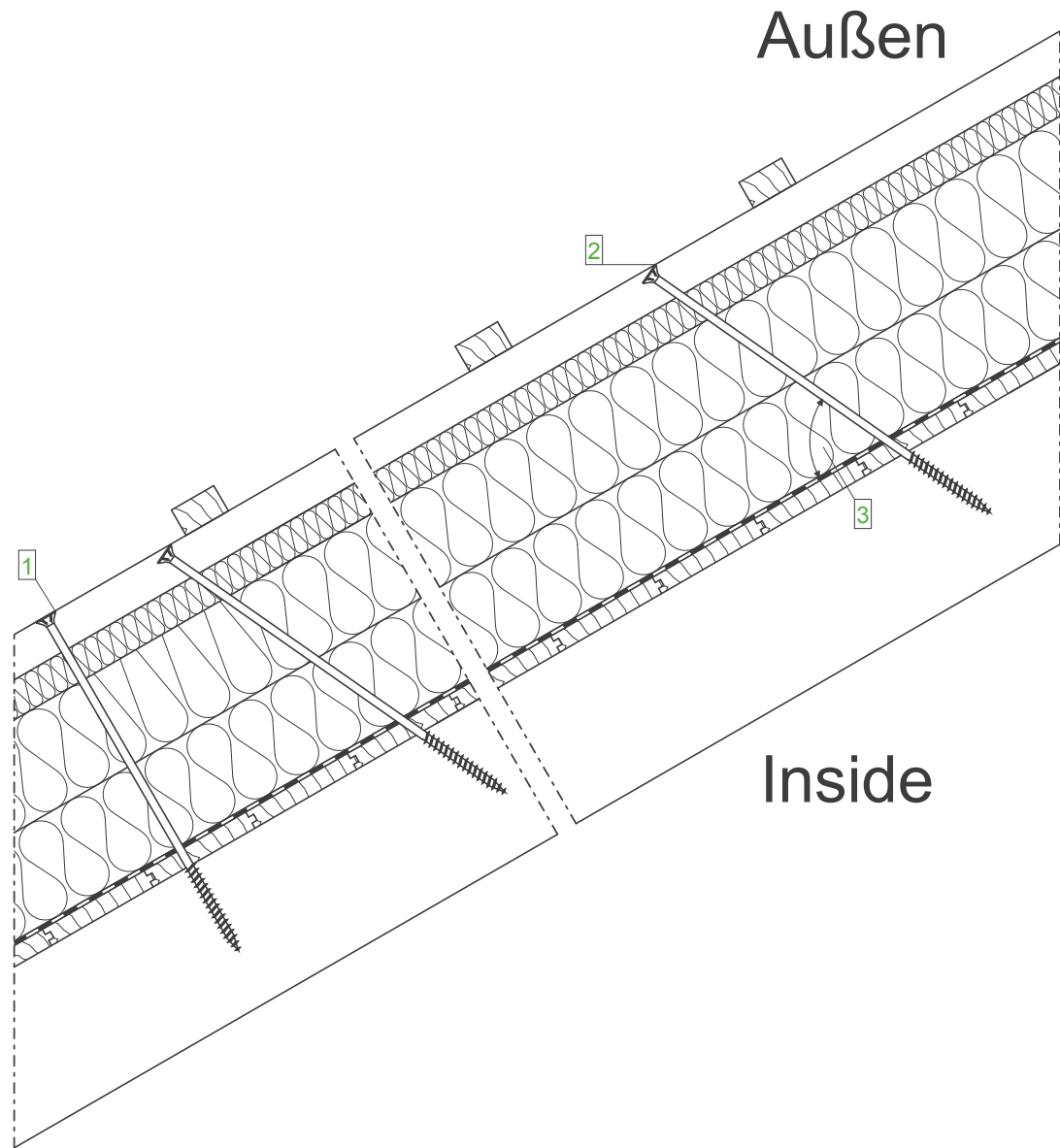
The safe long term load transfer and connection for Wind and Suction loads must be in line with requirements of the STEICO woodfibre insulation. Structurally approved fasteners, which specifically make reference to the compressive strength of the insulation material allow the creation of a structural recommendation.

Data entry sheets for the creation of a structural recommendation are available on our homepage at: www.steico.com under Download / Technik-Verarbeitung/Eingabeblaetter

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Fixed with dual threaded screws, v-screwing, above rafter insulation			
Datum: 23-03-2015	Detailnummer: DA-SD-ADD-7-10		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	



**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Single threaded screw to secure for wind suction loads in 90° angle to rafter axis (spacing based on structural requirements) |
| 2 | Single threaded screw in default angle to rafter axis to secure against shear loads (spacing based on structural requirements) |
| 3 | Details in accordance with screw manufacturer |

Note:

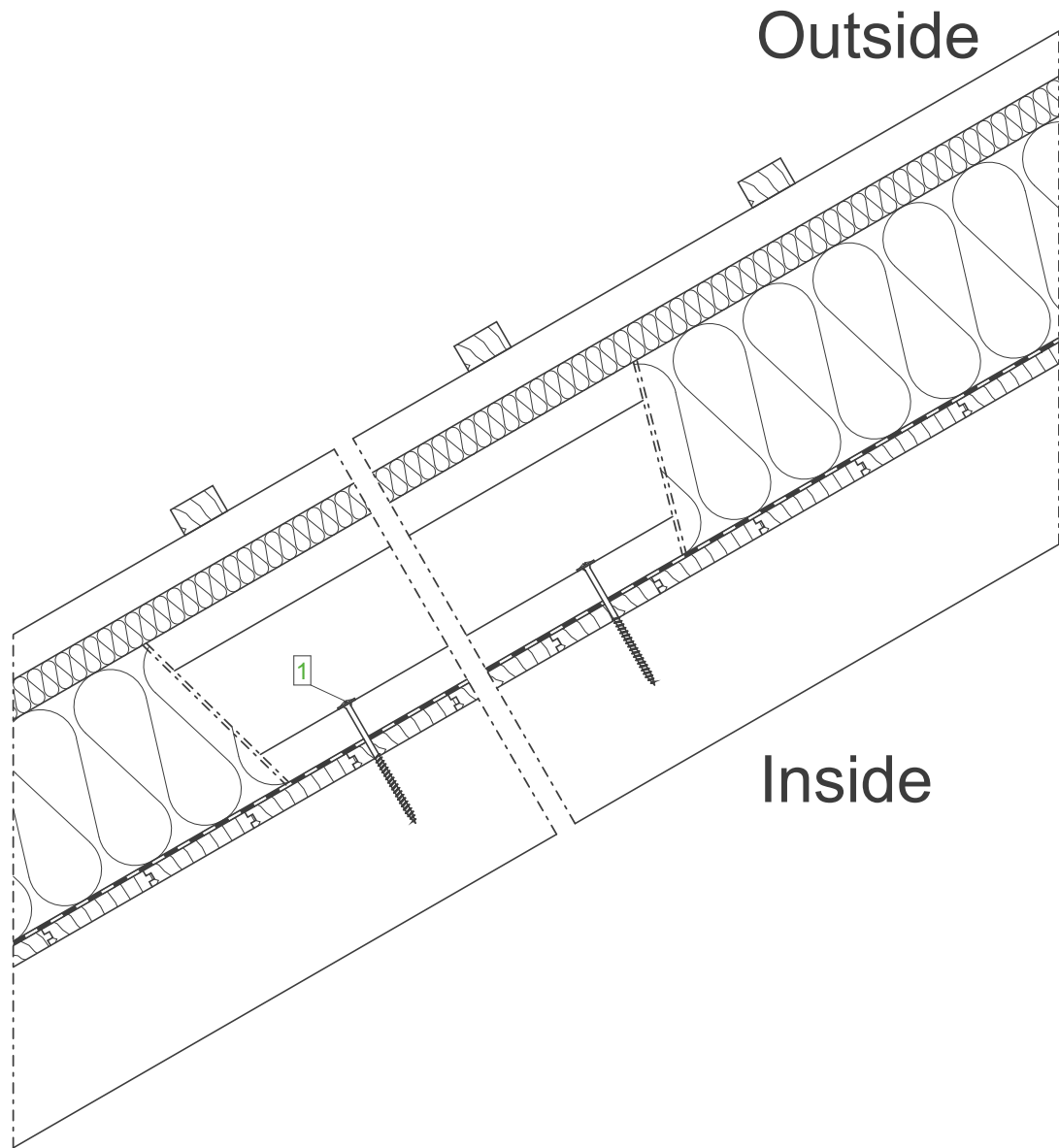
The safe long term load transfer and connection for Wind and Suction loads must be in line with requirements of the STEICO woodfibre insulation. Structurally approved fasteners, which specifically make reference to the compressive strength of the insulation material allow the creation of a structural recommendation.

Data entry sheets for the creation of a structural recommendation are available on our homepage at: www.steico.com under Download / Technik-Verarbeitung/Eingabeblätter

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Fixed with single threaded screw, above rafter insulation			
Datum: 23-03-2015	Detailnummer: DA-SD-ADD-7-20		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	



**Roof construction
(from inside to outside)**

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

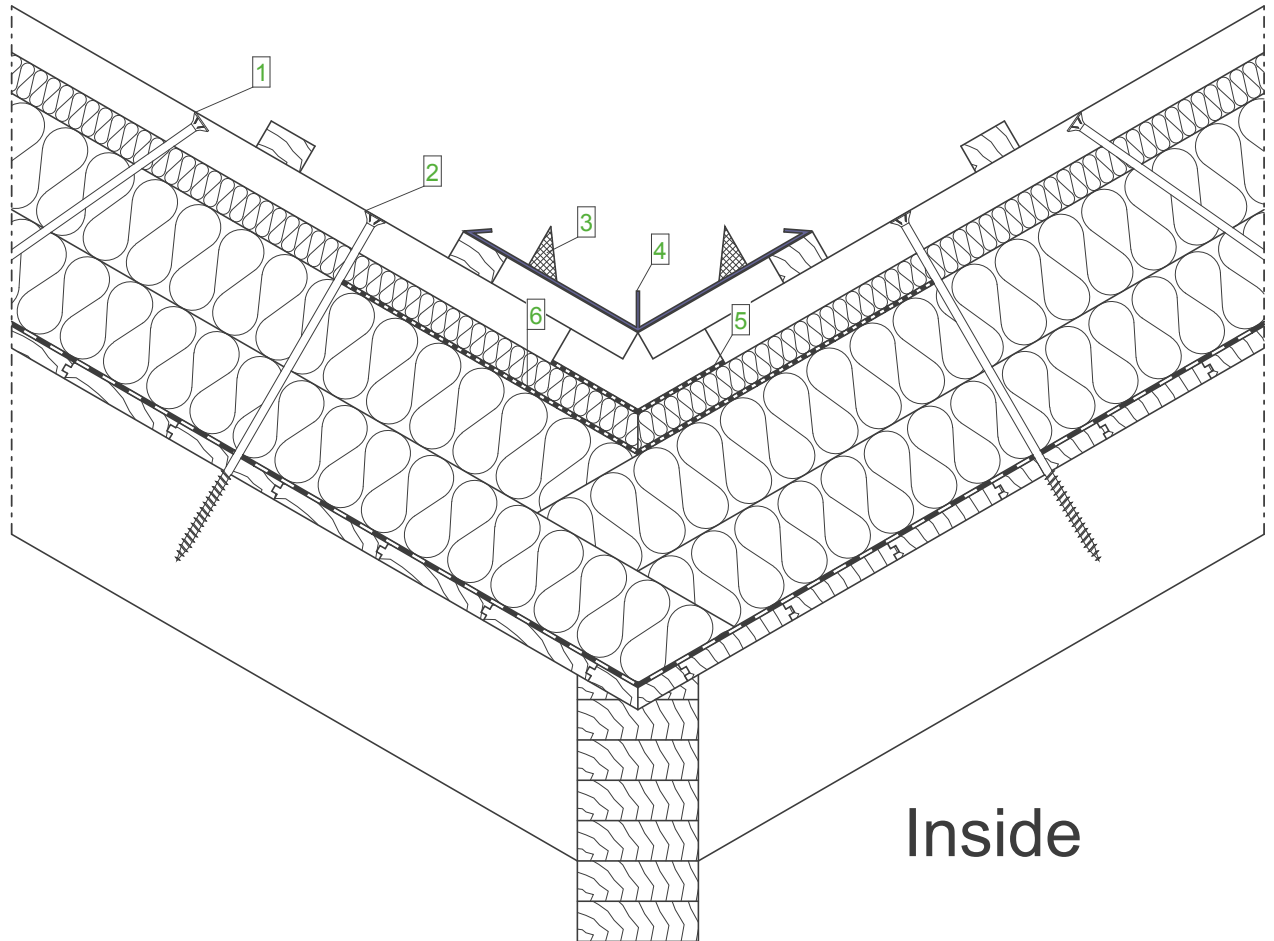
1	Single thread screw (Spacing based on structural requirements)
---	---

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Rafter doubling with STEICO joist, above rafter insulation			
Datum: 23-03-2015	Detailnummer: DA-SD-ADD-7-30		
Änderung: 04-04-2017	Bearbeiter: A. Luz	Maßstab: 1 : 7.5	

Outside



Inside

Roof construction
(from inside to outside)

- Visible rafter
- Timber cladding
- Vapour barrier
- STEICOtherm
- STEICOuniversal
- Counter batten
- Support batten
- Roof covering

Legend:

- | | |
|---|--|
| 1 | Single threaded screw to secure against shear loads |
| 2 | Single threaded screw to secure for wind suction loads |
| 3 | Foam wedge to secure against water pressure |
| 4 | Valley plate on timber cladding |
| 5 | STEICOMulti tape + STEICOMulti primer |
| 6 | STEICOMulti UDB, only in valley zone |

Important Note:

The preceding details should only be used for planning purposes. Their accuracy, completeness and suitability should be checked by the installer / designer independently to ensure compliance with the relevant regulatory requirements. They should not be used to replace individual project detailing but to assist the project designer in the detailing process.

Valley - Purlin roof truss

Datum: 23-03-2015

Detailnummer: DA-SD-ADD-7-40

Änderung: 04-04-2017

Bearbeiter: A. Luz

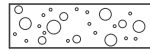
Maßstab: 1 : 7.5

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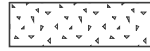
Legend hatching



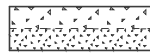
Masonry wall



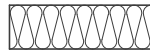
Gravel, broken stones



Render layer, plasterboard



System render (consisting from re-inforced render, re-inforcement mesh, finish render)



Insulation: e.g. STEICO protect



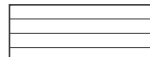
Concrete re-inforced



Timber surface side



Timber face side



STEICO Laminated Veneer Lumber



Timber based panel product e.g. OSB



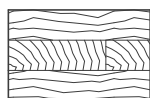
Sealing e.g. joint sealing tape



Sealing diffusion open roofing felt



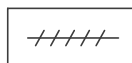
Sealing diffusion open + retardant + diffusion resistant Vapour barrier



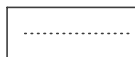
Cross Laminated Timber (CLT)



Insulation materials



STEICOmulti fill



Insect screen



Thick full line - visible edges, edges



Thin full line - dimension line, reference line, light edges, hatching, projected line



Dashed line - hide edges



Chain line - section plane, symmetry line, movement line

Legend hatching

Datum: 10-03-2015

Detailnummer: -

Änderung: 07-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 2.5

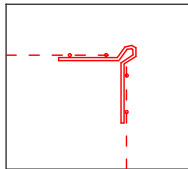
Legend profiles



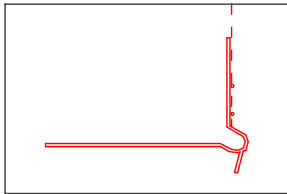
Expansion joint profile (10 mm - 20 mm flexible)



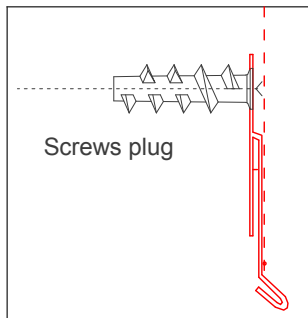
End profile
(End of render layer on mesh component)



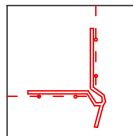
Mesh corner angle



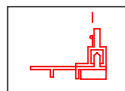
DPC edge profile
(edge side glueing)



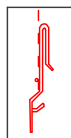
Metal connection profile



Drip edge profile



Clean finish render stop bead = STEICO protect
clean finish render stop bead



DPC metal connection profile = STEICO protect
DPC metal connection profile

Legend profiles

Datum: 10-03-2015

Detailnummer: -

Änderung: 04-04-2017

Bearbeiter: A. Luz

Maßstab: 1 : 5.0