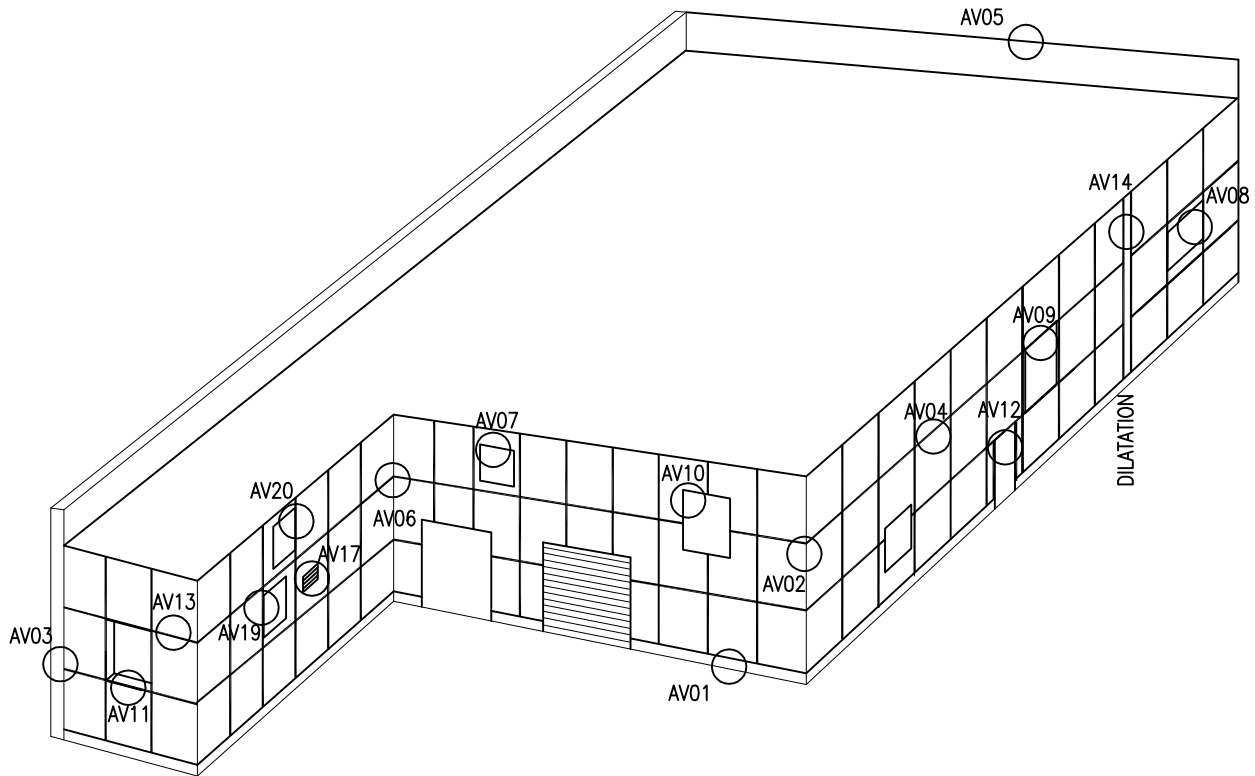




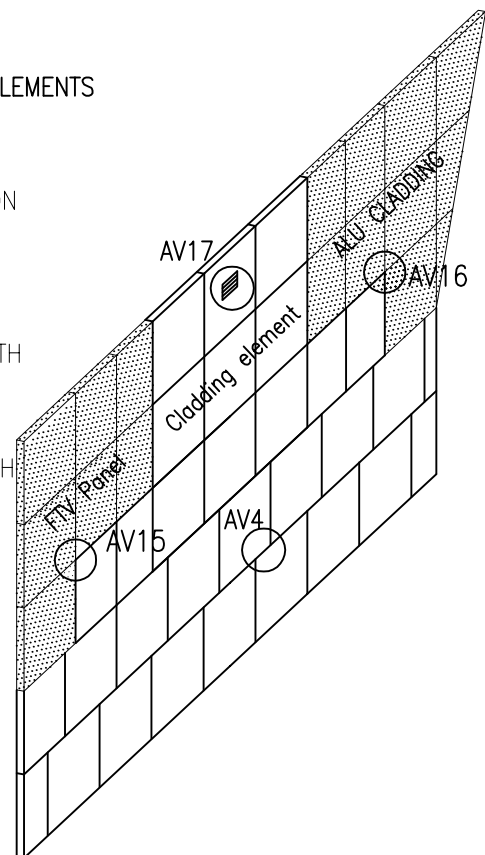
TRI MO QBISS ONE

DETAILS VERTICAL ASSEMBLY QBISS ONE B



AV – VERTICAL MODULAR CLADDING SYSTEM WITH CLADDING ELEMENTS

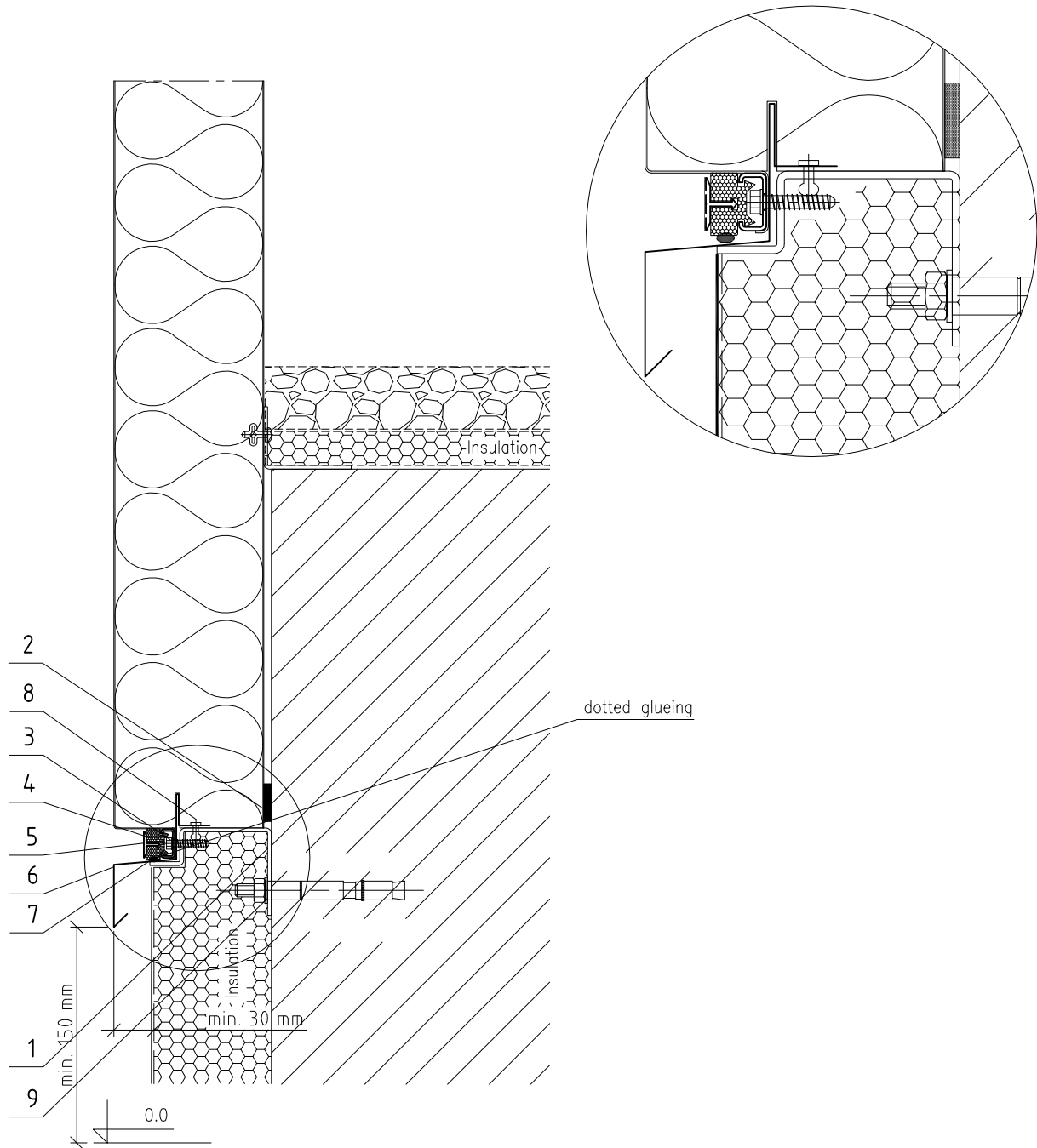
- AV01 – BASE DETAIL
- AV02 – CORNER
- AV03 – CLADDING ELEMENT – CONCRETE/BRICK WALL CONNECTION
- AV04 – CLADDING ELEMENT FIXING – PROLONGATION
- AV05 – ATTIKA WITH SUPPORT STRUCTURE
- AV06 – CORNER – INNER
- AV07 – WINDOWS LOWER THAN CLADDING ELEMENT MODULAR WIDTH
- AV08 – WINDOW – MODULAR FIT– COVERING PROFILE
- AV09 – WINDOW – MODULAR FIT– OUTER LINE LINING
- AV10 – WINDOW HIGHER THAN CLADDING ELEMENT MODULAR WIDTH
- AV11 – WINDOW – INNER LINING
- AV12 – DOORS – MODULAR FIT
- AV13 – CLADDING ELEMENT – CONCRETE CONNECTION
- AV14 – DILATATION
- AV15 – CLADDING ELEMENT – FTV PANEL CONNECTION
- AV16 – CLADDING ELEMENT – AL CLADDING CONNECTION
- AV17 – PENETRATION – WINDOW SHADE
- AV19 – WINDOW – MODULAR FIT– COVERING PROFILE
- AV20 – WINDOW – MODULAR FIT– COVERING PROFILE



Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©



NOTE:

– Concrete insulation outer line min. 30 mm inside cladding line – otherwise drip flashing to adjust.

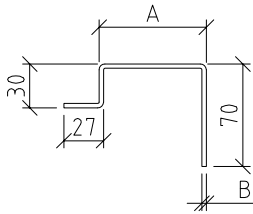
Item	Code	Description
1	N506	Cladding element holder L profile
2	T016	Sealing tape 2/10x15
3	V021	Fixing Screw (with respect to the static calculation)
4	T052	EPDM gasket
5	A023	T profile decorative
6	O1139	Drip flashing – prologation to be made on vertical joint
7	T070	Mastic sealant EPDM
8	K002	Blind rivet 4x10 (min. 2 pcs/m)
9	S001	Anchor bolt ____x____ (min. 1 pcs/m)

Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

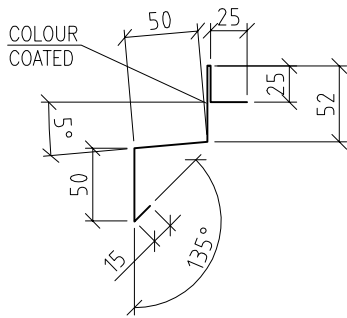
ITEM 1 | N506 | Cladding element holder L profile



Material Fe metal sheet B
zinc - coated metal sheet
L = _____ PIECE _____
L = _____ PIECE _____

Thickness S	80	100	120	133	150	172	200	240
A	33	53	73	86	103	125	153	193
B	2	2	2	2	3	3	3	3
Steel sheet width	148	168	188	201	212	234	262	302

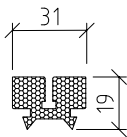
ITEM 6 | O1139 | Drip flashing – façade element



Material Fe metal sheet 0,7 mm
Colour _____
L = _____ PIECE _____

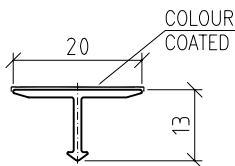
Steel sheet width ... 217

ITEM 4 | T052 | EPDM gasket



Material: EPDM
L = _____ PIECE _____
L = _____ PIECE _____

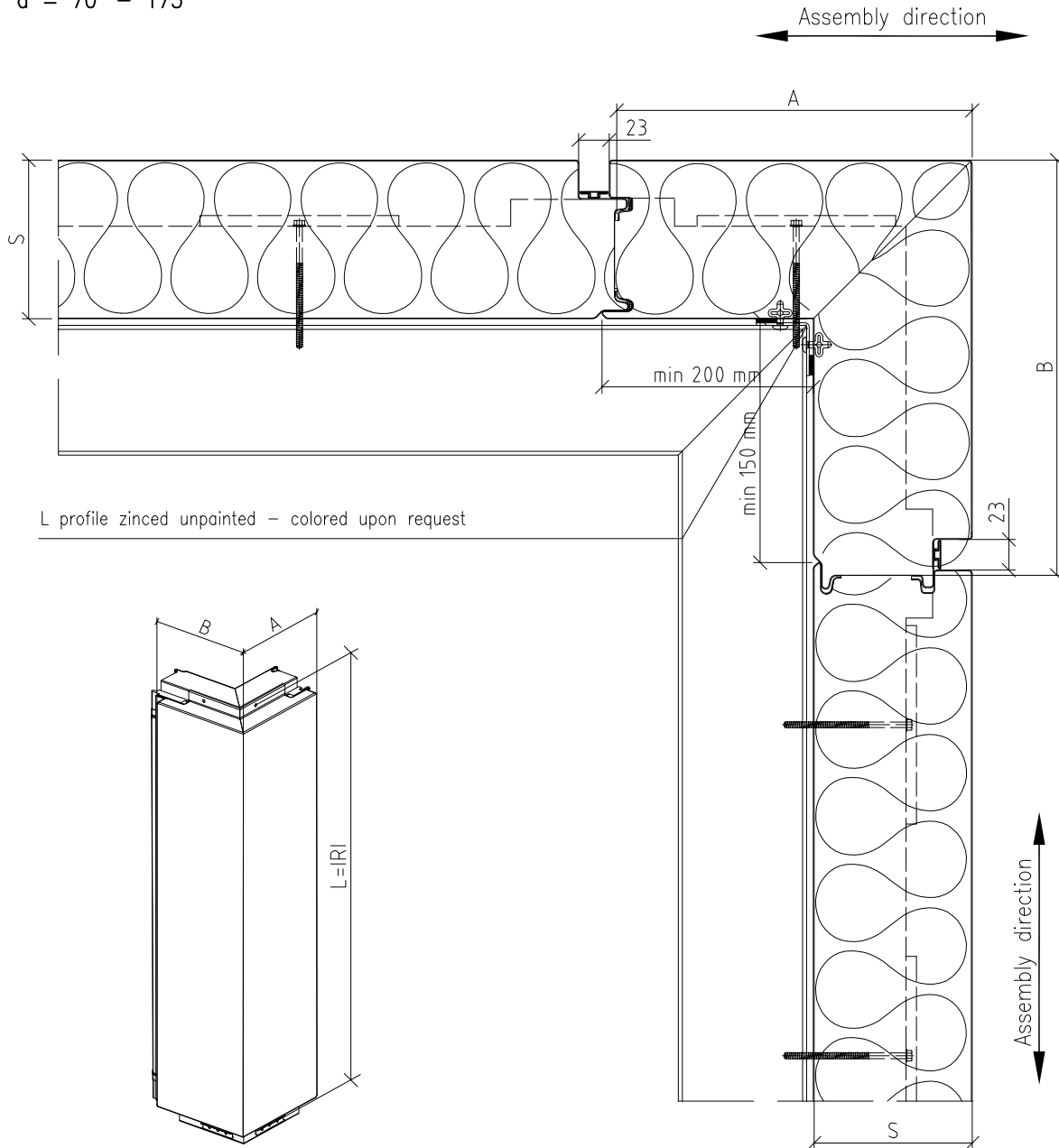
ITEM 5 | A023 | T profile decorative



Material: Alu
Colour _____
L = _____ PIECE _____
L = _____ PIECE _____

$S = 80 - 150 \text{ mm}$
 $(A+B) = \text{max } 1200 \text{ mm}$
 $L = 530 - 6500 \text{ mm}$
 $\alpha = 70^\circ - 175^\circ$

$(A+B) = \text{min } 600 \text{ mm}$
 $A_{\text{min}} = (200 \text{ mm} + S)$
 $B_{\text{min}} = (150 \text{ mm} + S)$



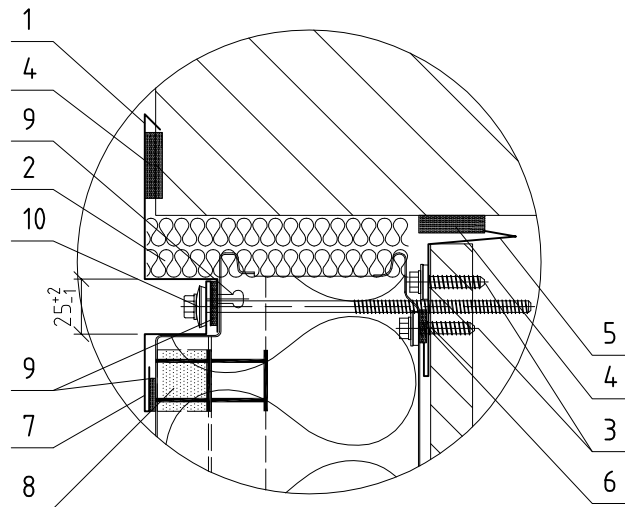
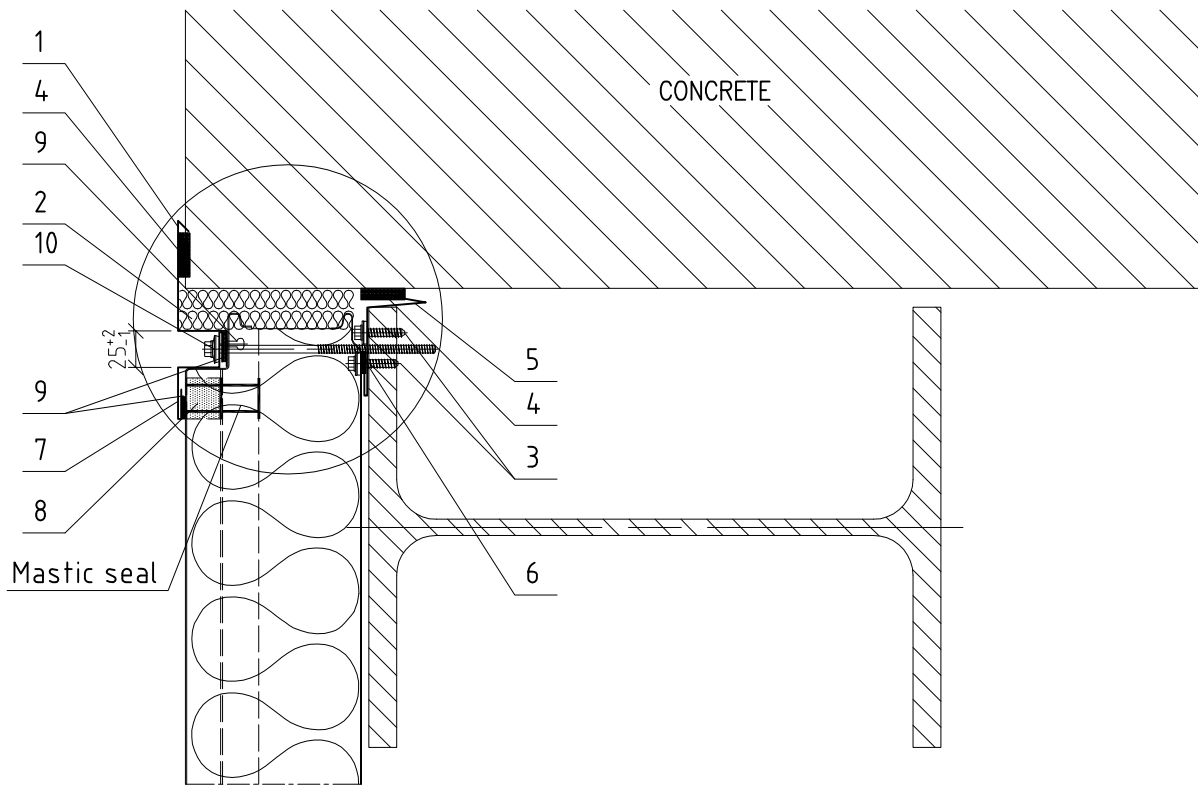
NOTE:

- Use of thin profiles just in case of structure thickness >12 mm!
- Dimensions A and B must be adjusted to cladding and building tolerances!
- Statical calculation for fixing screws quantity to be done.

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©



NOTE:

- Detail suitable for substructure in tolerance ± 2 mm(see TD Q01 – Sealing)!
- Adjustable structure to be used when tolerances are out of the range.

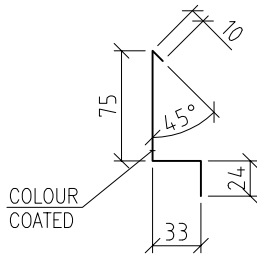
Item	Code	Description
1	01167	Flashing
2	W001	Insulation – MW
3	V021	Fixing Screw 6,3x25 (2pcs/m Item 5)
4	T016	Sealing tape 2/10x15
5	0129	Corner flashing
6	T060	Sealing tape 5x10
7	01165	Flashing
8	T022	EPDM seal 26/26x30 + mastic seal
9	T020	Sealing tape 3x20
10	P014	Fixing Screw ____x____ (2pcs/m)

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | 01167 | Flashing



Material Fe metal sheet 0,7 mm

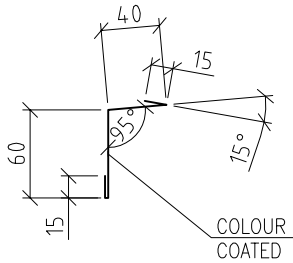
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 142

ITEM 5 | 0129 | Corner flashing



Material Fe metal sheet 0,7 mm

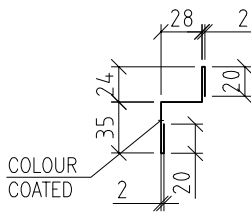
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 130

ITEM 7 | 01165 | Flashing



Material Fe metal sheet 0,7 mm

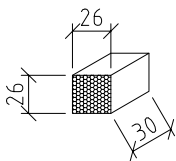
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 131

ITEM 8 | T022 | EPDM seal 26/26x30



NOTE:

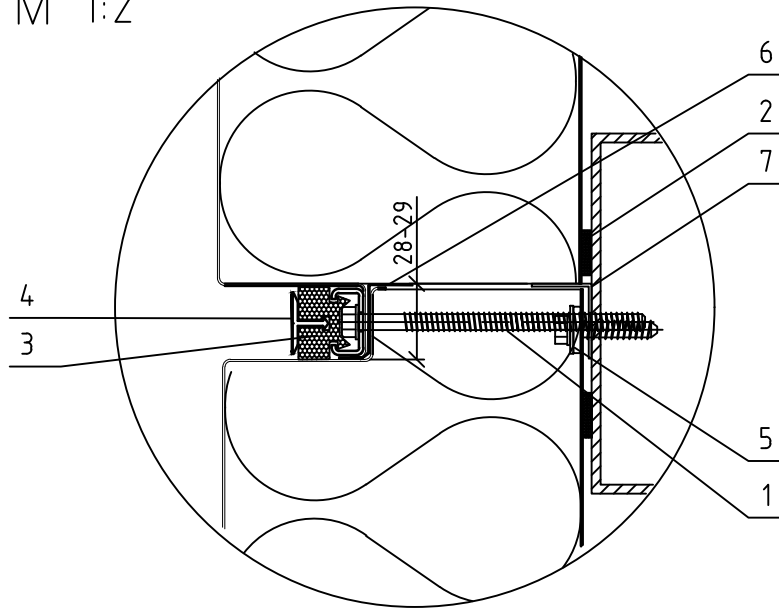
To be inserted into cladding element joint

Material: EPDM

PIECE _____

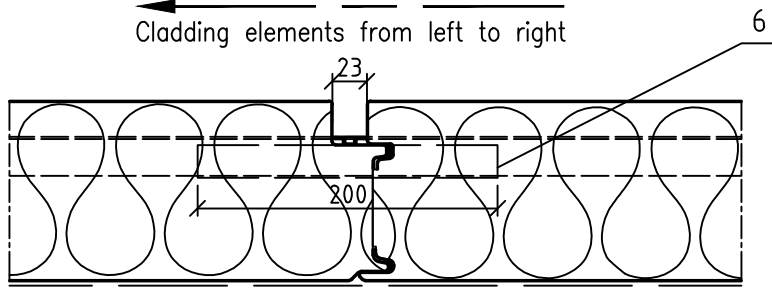
PIECE _____

M 1:2

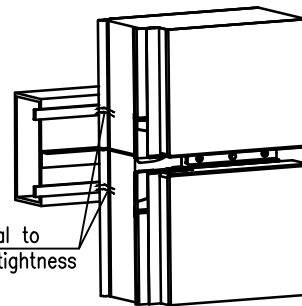
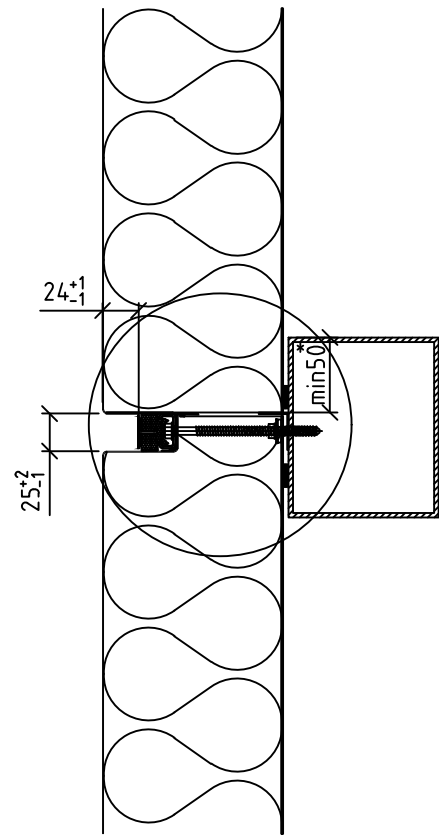


Cladding Element Horizontal Cross section

Recommended direction of assembly
 ← Cladding elements from left to right



Vertical cut:



Apply mastic seal to achieve joint airtightness

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

NOTE:

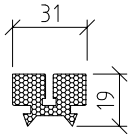
- Detail suitable for substructure in tolerance ± 2 mm(see TD Q01 – Sealing)!
- Adjustable structure to be used when tolerances are out of the range.
- Statical Calculation needed for screws determination (item 1).
- Direction of assembly needs to be specified.
- Dilation gap to be added between T profiles 10 mm.
- * dependent static calculation.

Item	Code	Description
1	P021	Fixing screw ____x____
2	T060	Sealing tape 5x10 (2 m/m1 pos.4)
3	T052	EPDM gasket
4	A023	T profile decorative
5	V021	Self-tapping screw 6,3x25
6	T102	Foil with glue (1 pcs/cladding element)
7	N544	Joint Profile

Subject of detail are only positioned elements!

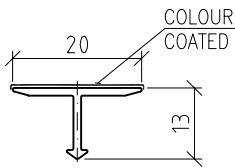
All details are the property of Trimo©

ITEM 3 | T052 | EPDM gasket



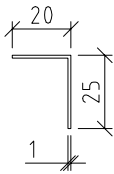
Material: EPDM
 L = _____ PIECE _____
 L = _____ PIECE _____

ITEM 4 | A023 | T profile decorative



Material: Alu
 Colour _____
 L = _____ PIECE _____
 L = _____ PIECE _____

ITEM 7 | N544 | Joint Profile

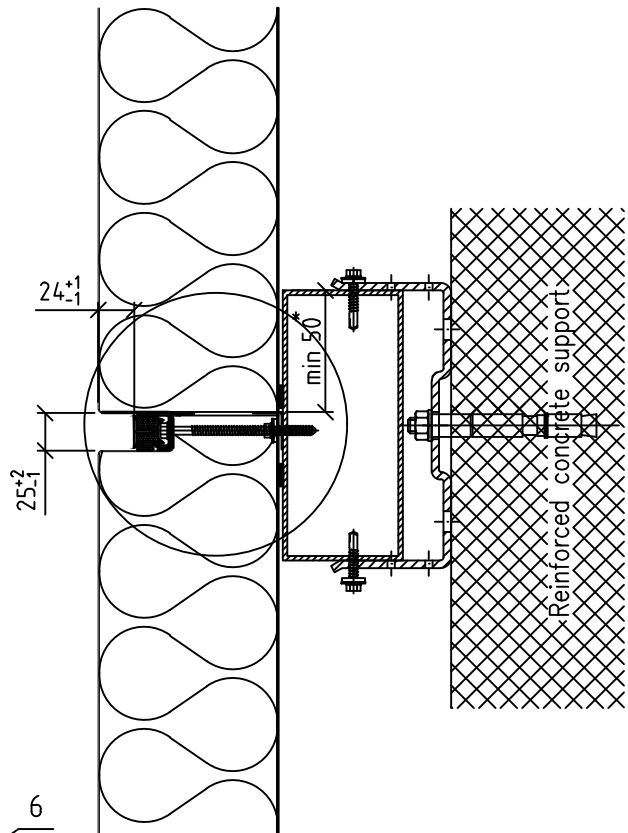
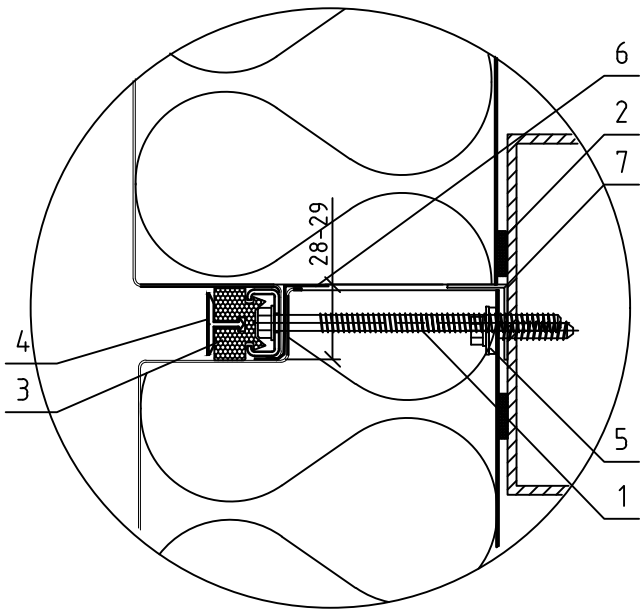


Material: galvanised steel sheet 1 mm
 zinc - coated metal sheet

L = _____ PIECE _____
 L = _____ PIECE _____

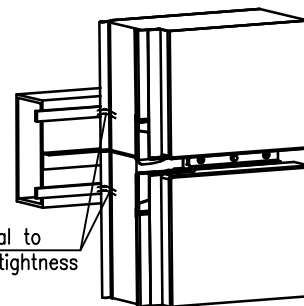
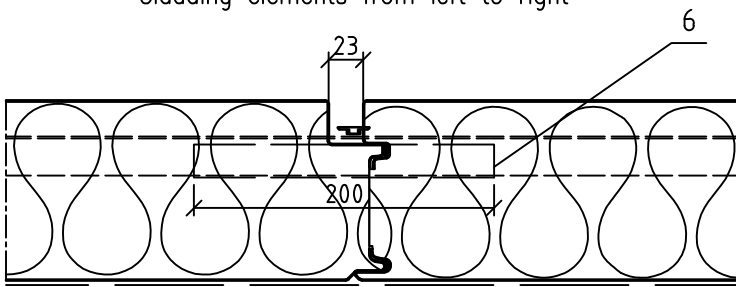
M 1:2

Cladding element
vertical cross section:



Cladding Element Horizontal Cross section

Recommended direction of assembly
← Cladding elements from left to right



Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

NOTE:

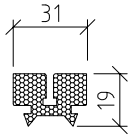
- Static Calculation needed for screws determination (item.1)!
- Direction of assembly needs to be specified.
- Dilation gap to be added between T profiles 10 mm.
- * dependent static calculation.

Item	Code	Description
1	P021	Fixing screw ____x____
2	T060	Sealing tape 5x10 (2 m/m1 pos.4)
3	T052	EPDM gasket
4	A023	T profile decorative
5	V021	Self-tapping screw 6,3x25
6	T102	Foil with glue (1 pcs/cladding element)
7	N544	Joint Profile

Subject of detail are only positioned elements!

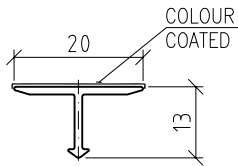
All details are the property of Trimo ©

ITEM 3 | T052 | EPDM gasket



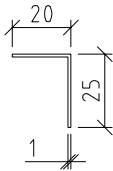
Material: EPDM
 L = _____ PIECE _____
 L = _____ PIECE _____

ITEM. 4 | A023 | T profile decorative



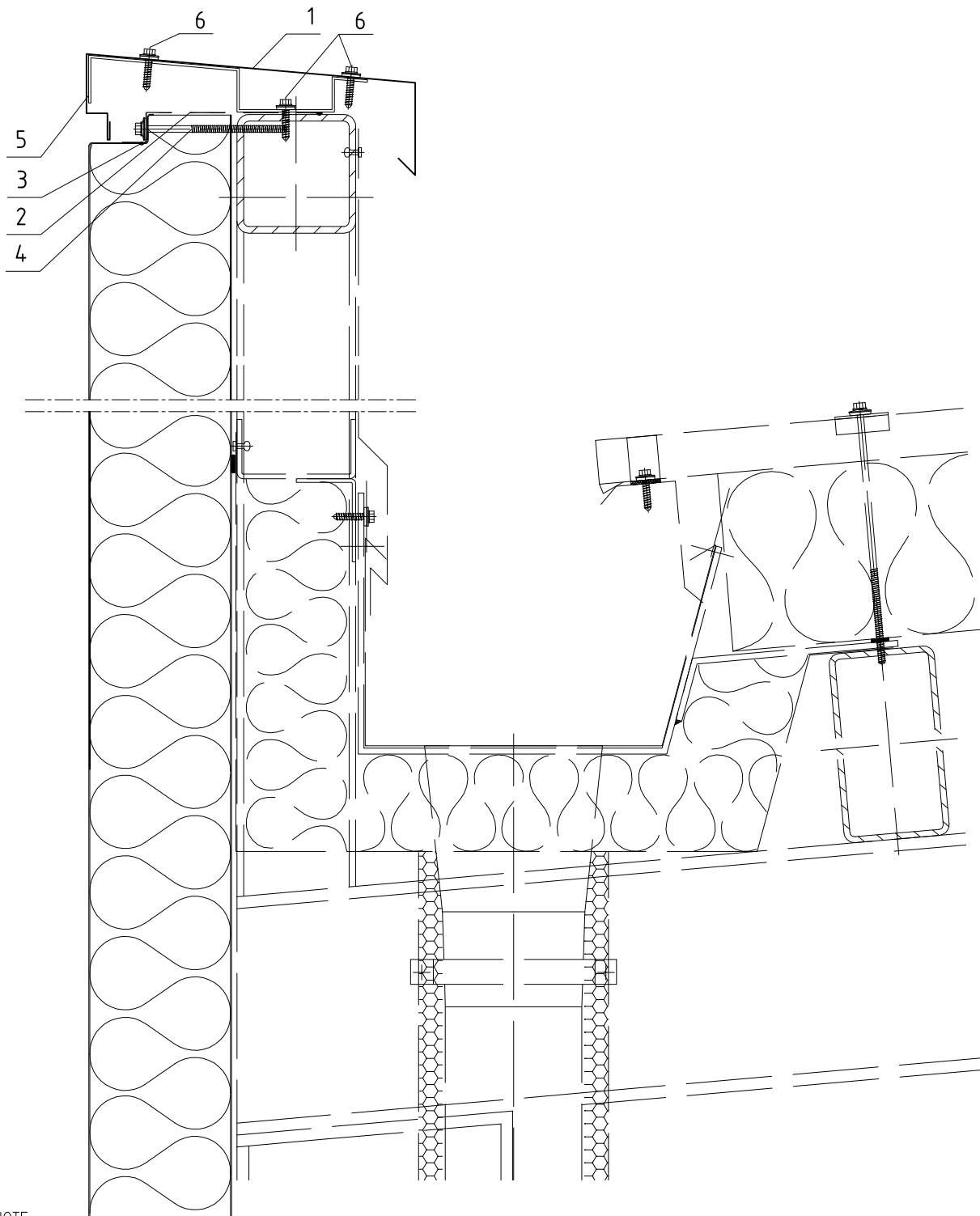
Material: Alu
 Colour _____
 L = _____ PIECE _____
 L = _____ PIECE _____

ITEM 7 | N544 | Joint Profile



Material: galvanised steel sheet 1 mm
 zinc - coated metal sheet

L = _____ PIECE _____
 L = _____ PIECE _____



NOTE:

- Detail suitable for substructure in tolerance ± 2 mm(see TD Q01 – Sealing)!
- Adjustable structure to be used when tolerances are out of the range.
- Statical Calculation needed for screws determination (item 4)!

Item Code Description

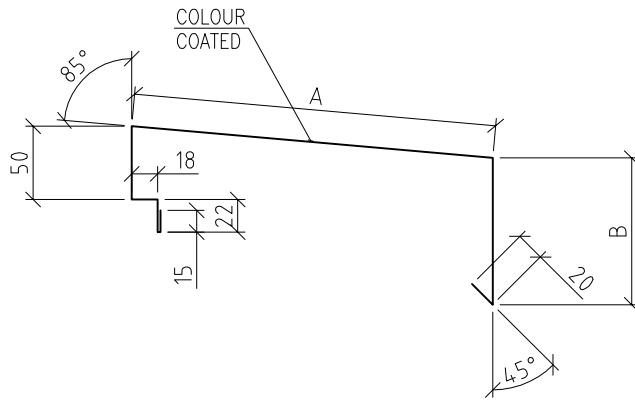
1	01177	Parapet cap
2	T054	EPDM foil – outer assembly
3	T055	EPDM foil glue
4	P021	Fixing Screw ____x____ (with respect to the static calculation)
5	N546	Parapet cap support profile
6	V006	Fixing Screw 6,5x25 (4 Pcs/m)

Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

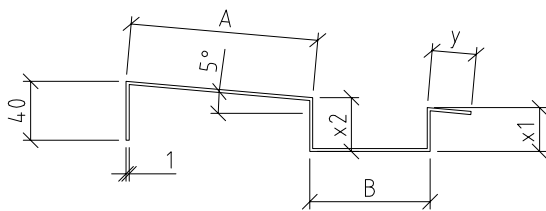
ITEM 1 | 01177 | Parapet cap



Material Fe metal sheet 0,7 mm
Colour _____

A	B	STEEL SHEET WIDTH	L	PIECE

ITEM 5 | N546 | Parapet cap support profile



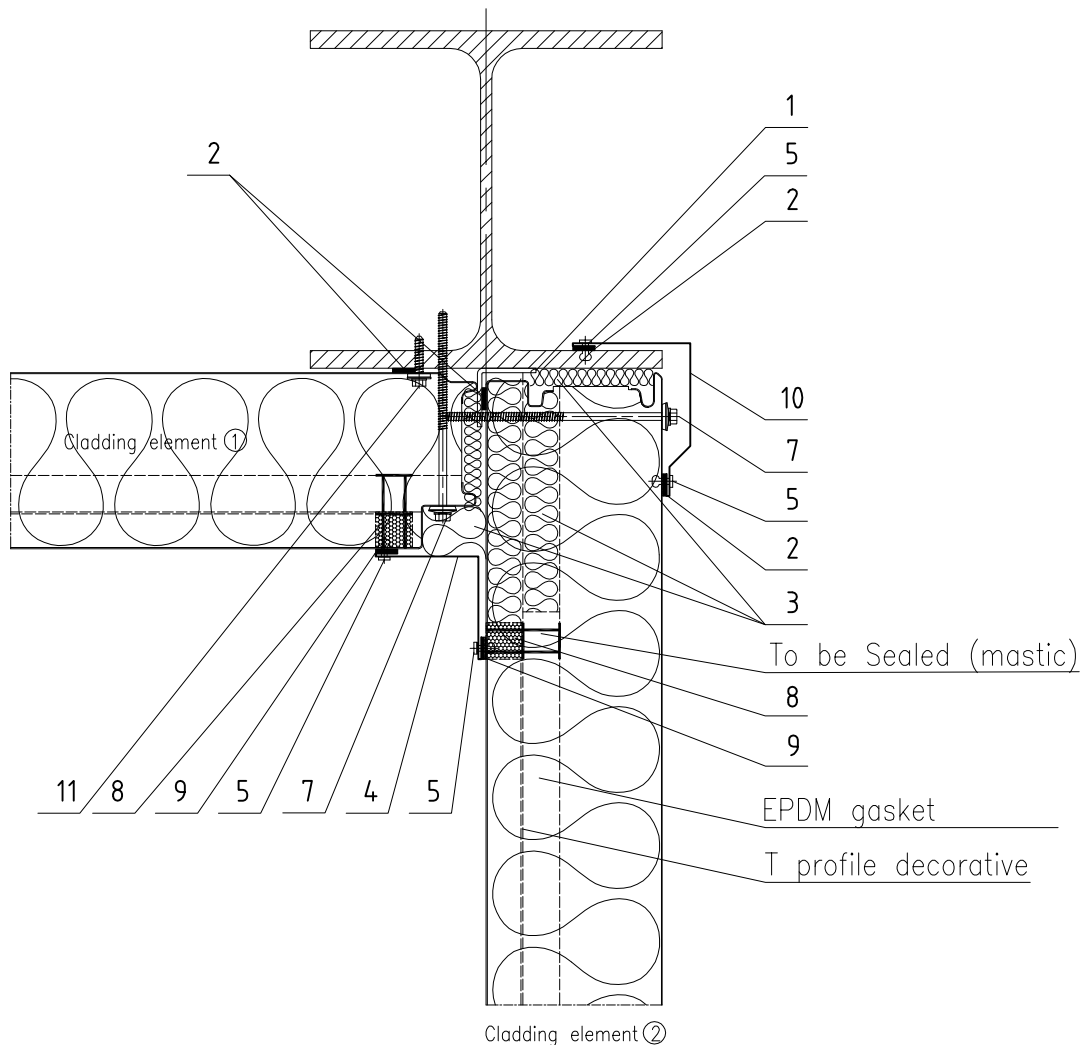
Material Fe metal sheet 2 mm
zinc - coated metal sheet
L = _____ PIECE _____
L = _____ PIECE _____

Thickness S	80	100	120	133	150	172	200	240
A	88	108	128	141	158	180	208	248
B								
x1								
x2								
y								
Steel sheet width								

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!



ASSEMBLY STEPS:

- Cladding element 1 fixing
- Cladding element 2 fixing

NOTE:

- Detail suitable for substructure in tolerance ± 2 mm(see TD Q01 – Sealing)!
- Adjustable structure to be used when tolerances are out of the range.
- Pos.1 fixed on structure (welding or with screws).
- Statical calculation for fixing screws quantity to be done!

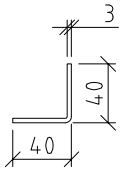
Item	Code	Description
1	N461	Corner angle L 40x40x3
2	T060	Sealing tape 5x10
3	W001	Insulation MW (also in Cladding element joint)
4	O640	Corner flashing
5	K002	Blind rivet 4x10
6	V024	Fixing Screw ____x____ (with respect to the static calculation)
7	V027	Fixing Screw ____x____ (with respect to the static calculation)
8	T022	EPDM seal 26/26x30 + mastic seal
9	T020	Sealing tape 3x20
10	O644	Corner Flashing Inner
11	V021	Fixing Screw ____x____

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | N461 | Corner angle L 40x40x3



Material Fe metal sheet 3 mm
zinc – coated metal sheet

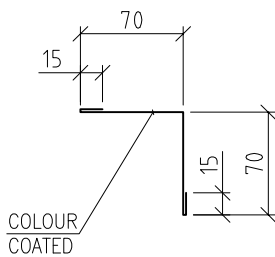
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 74

ITEM 4 | O640 | Corner flashing



Material Fe metal sheet 0,7 mm

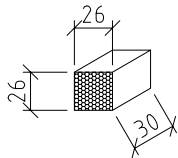
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 170

ITEM 8 | T022 | EPDM seal 26/26x30



NOTE:

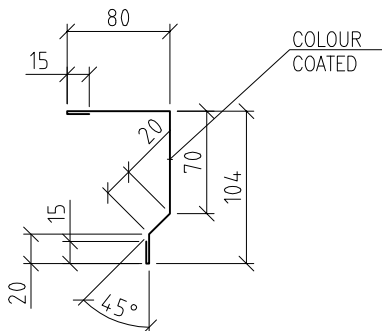
To be inserted into cladding element joint!

Material: EPDM

PIECE _____

PIECE _____

ITEM 10 | O644 | Corner flashing



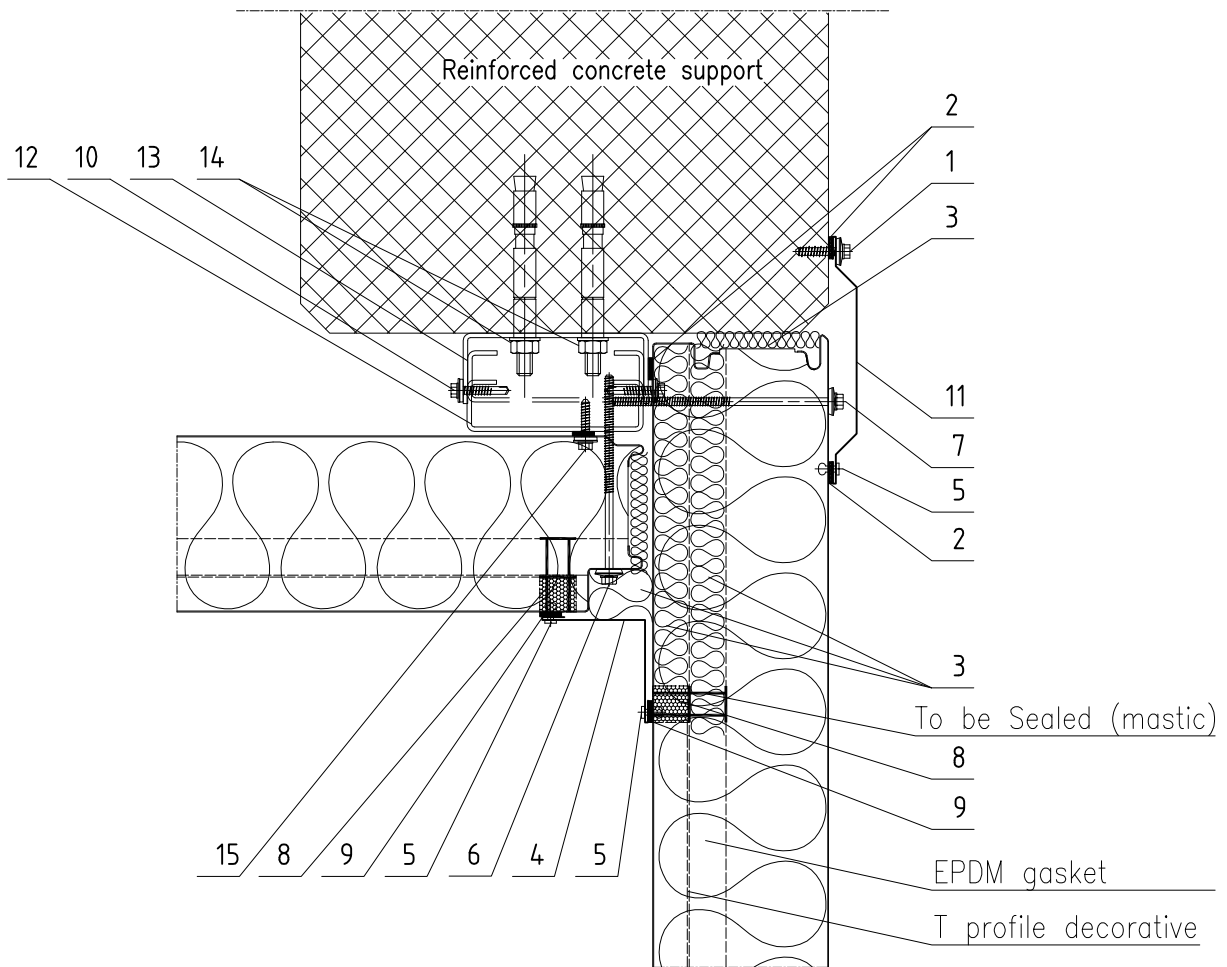
Material: galvanised steel sheet 0,6 mm

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel Sheet width ... 220



NOTE:

- It is necessary to use the shims according to Trimo technical document no.63!
- Statical calculation for fixing screws quantity to be done!

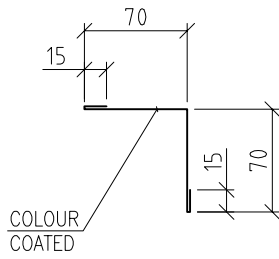
Item	Code	Description
1	V045	SFS screw TI 6,3x32
2	T060	Sealing tape 5x10
3	W001	Insulation MW (also in Cladding element joint)
4	O640	Corner flashing
5	K002	Blind rivet 4x10
6	V024	Fixing Screw ____x____ (with respect to the static calculation)
7	V027	Fixing Screw ____x____ (with respect to the static calculation)
8	T022	EPDM seal 26/26x30 + mastic seal
9	T020	Sealing tape 3x20
10	V001	Fixing Screw (min 4 PCS/m1 of joint)
11	O646	Flashing
12	N178	Supporting profile – HMP-B
13	N181	Load-bearing profile – HMP-A
14	S001	Anchor bolt ____x____
15	V021	Fixing Screw ____x____

Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 4 | 0640 | Corner flashing



Material Fe metal sheet 0,7 mm

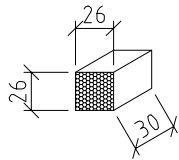
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 170

ITEM 8 | T022 | EPDM seal 26/26x30



NOTE:

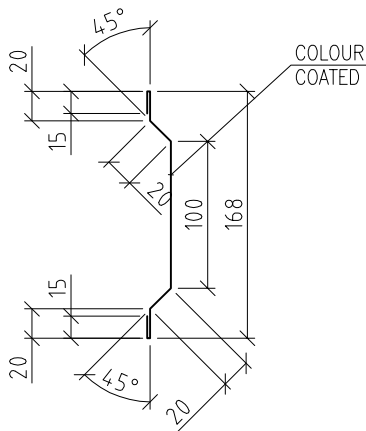
To be inserted into cladding element joint!

Material: EPDM

PIECE _____

PIECE _____

ITEM 11 | 0646 | Flashing



Material: galvanised steel sheet 0,6 mm

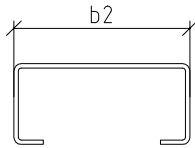
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 210

ITEM 12 | N178 | Supporting profile – HMP-B



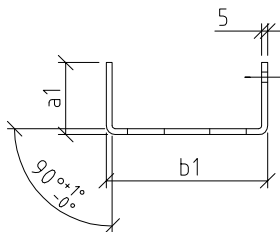
Material: galvanised steel sheet
 L = 4000 PIECE _____
 L = _____ PIECE _____

Profile typ	HMP-Bp0/55	HMP-Bp0/55	HMP-Bp0/55
Load [kN/m²]	0 – 0,75	0,75 – 1,5	1,5 – 2,0
Material	DX51Z275		
a2	55	55	55
b2	100	140	180
c2	20	20	20
t2	2,0	2,0	3,0
Steel sheet width	234	274	306

Material: galvanised steel sheet
 L = 4000 PIECE _____
 L = _____ PIECE _____

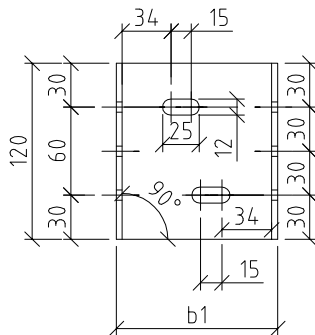
Profile typ	HMP-Bp0/35	HMP-Bp0/35	HMP-Bp0/35
Load [kN/m²]	0 – 0,75	0,75 – 1,5	1,5 – 2,0
Material	DX51Z275		
a2	35	35	35
b2	100	140	180
c2	20	20	20
t2	2,0	4,0	6,0
Steel sheet width	194	218	242

ITEM 13 | N181 | Load-bearing profile – HMP-A



Material: galvanised steel sheet
 L=120 PIECE _____
 L=120 PIECE _____

Profile typ	HMP-A		
Load [kN/m²]	0 – 0,75		
a1	35	55	75
b1	110	110	110
t1	5	5	5
Steel sheet width	160	200	240



Material: galvanised steel sheet
 L=120 PIECE _____
 L=120 PIECE _____

Profile typ	HMP-A (steel shim must be added)		
Load [kN/m²]	0,75 – 1,5		
a1	35	55	75
b1	150	150	150
t1	5	5	5
Steel sheet width	200	240	280

Material: galvanised steel sheet
 L=120 PIECE _____
 L=120 PIECE _____

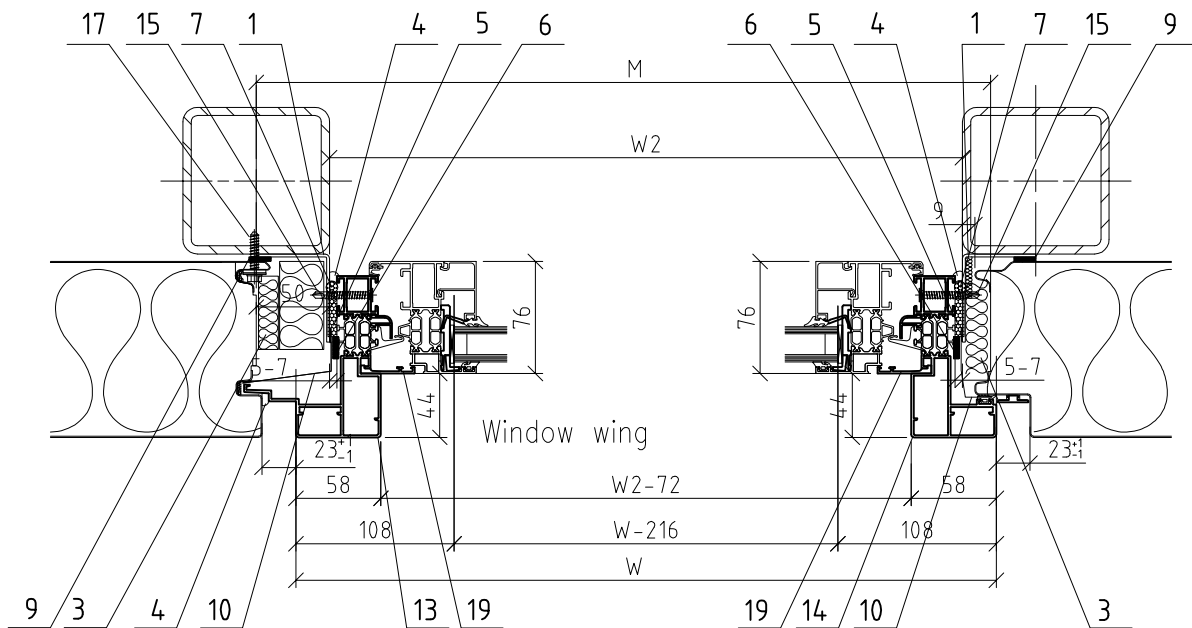
Profile typ	HMP-A (steel shim must be added)		
Load [kN/m²]	1,5 – 2,0		
a1	35	55	75
b1	190	190	190
t1	5	5	5
Steel sheet width	240	280	320

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details.

2-2



NOTE:

- Installation of the detail without a substructure is allowed only with a prior static calculation prepared by Trimo technical department.
- When Al frame assembled connection Frame/cladding tightness must be assured.
- The detail does not include window sash and associated seals.
- Butyl Tape (item 10) to be bended 50 mm on vertical side.
- Window frames longer than 6,5 m must be diletated – see detail AV9/4,5,6.
- Seals and sashes are available at an additional cost. Glazing seals are in domain of the glass supplier. Seals must be determined according to the project requirements.

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Item Code Description

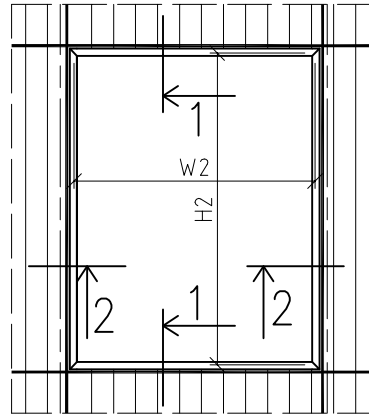
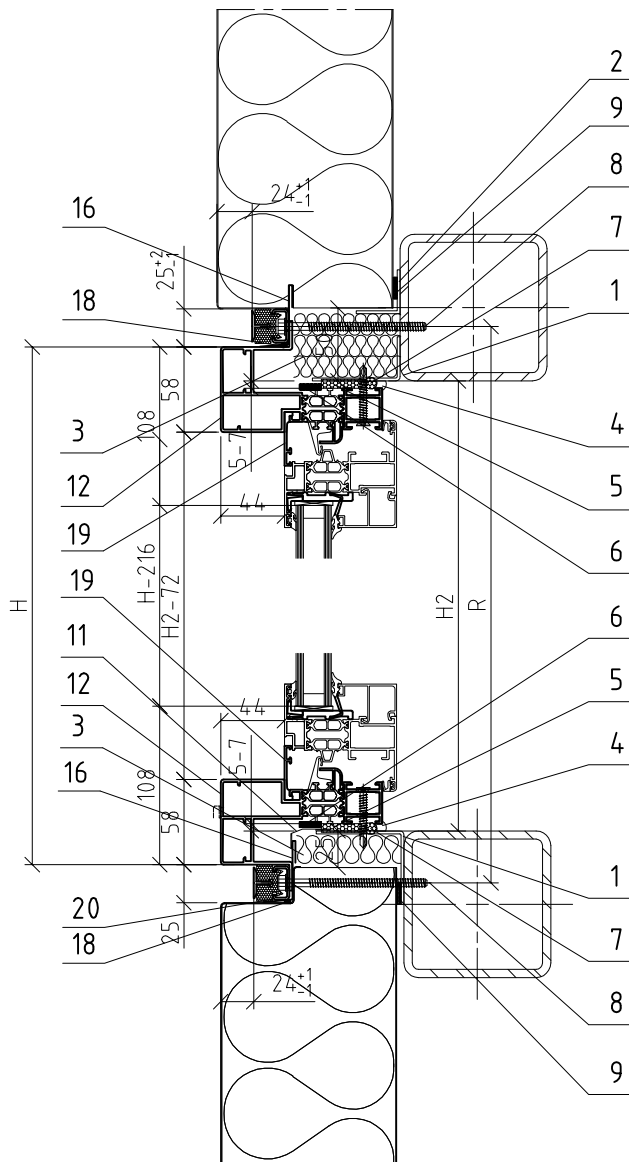
1	N062	Support frame
2	N565	Panel support profile
3	W001	Insulation – MW
4	T006	Mastic sealant
5	W025	Insulation foam
6	T016	Sealing tape 2/10x15
7	T057	Rounded PE gasket ø10 mm
8	P021	Fixing screw ____x____
9	T060	Sealing tape 5x10
10	T062	Butyl tape on the aluminium foil 1x100 mm
11	T010	Butyl on Alu foil 1x50 mm
12	A028	Window Frame Profile–HF21
13	A029	Window Frame Profile–HF16
14	A030	Window Frame Profile–HF17
15	V135	Fixing screw 5,5x38
16	O1175	Flashing
17	V021	Fixing screw (1pcs/m)
18	T070	Mastic sealant EPDM
19	A031	Outer glass fixing element–HF22
20	N637	Load bearing U shaped washer

Subject of detail are only positioned elements!

All details are the property of Trimo ©

H2, W2 ... window clear space
 H= R-23
 W= M-23

1-1

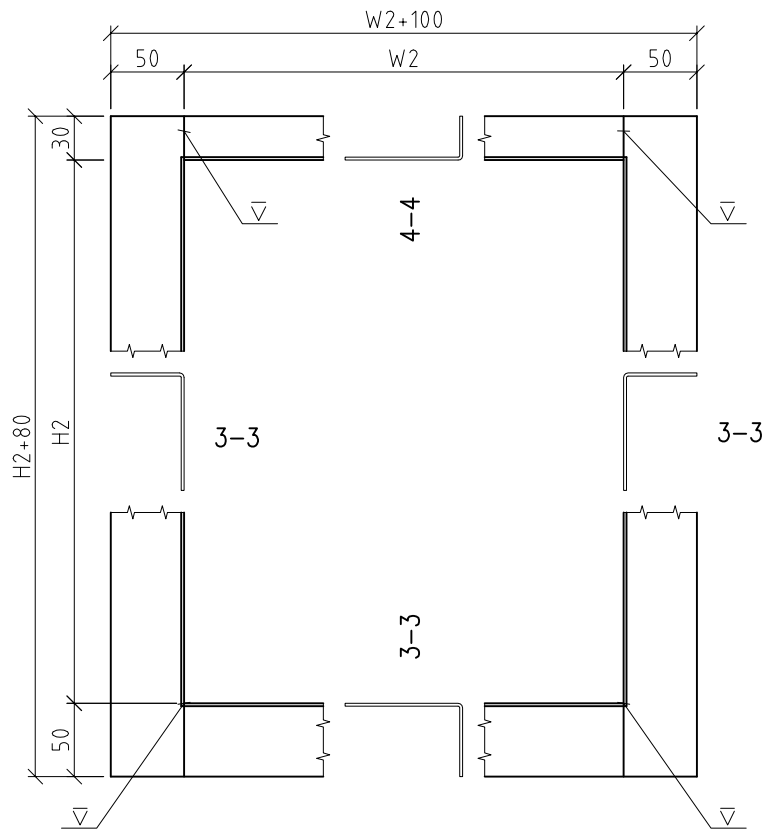


Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | N062 | Support frame

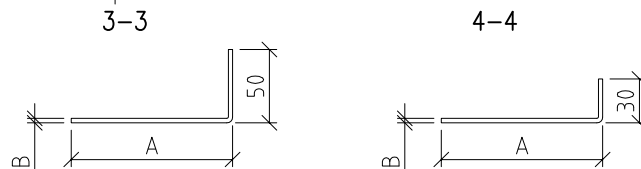


NOTE:

– The weld seam should be protected using a zinc – based paint.

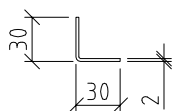
Material Fe metal sheet B mm
zinc – coated metal sheet

(3–3) L = H2+80= _____ PCS _____
(3–3) L = W2= _____ PCS _____
(4–4) L = W2= _____ PCS _____



Thickness S	80	100	120	133	150	172	200	240
A	20	40	60	73	90	112	140	180
B	2	2	2	2	3	3	3	3
Steel sheet width(3–3)	66	86	106	119	134	156	184	224
Steel sheet width(4–4)	46	66	86	99	114	136	164	204

ITEM 2 | N565 | Cladding element holder



Material Fe metal sheet 2 mm
zinc – coated metal sheet

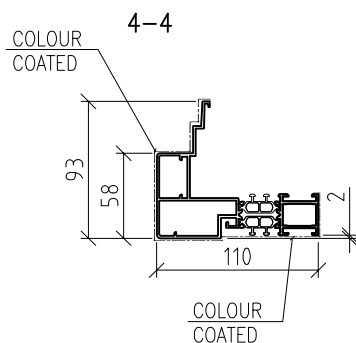
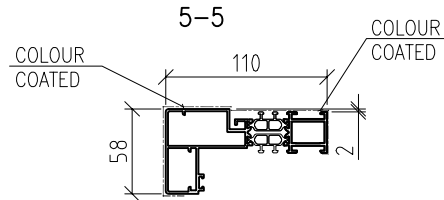
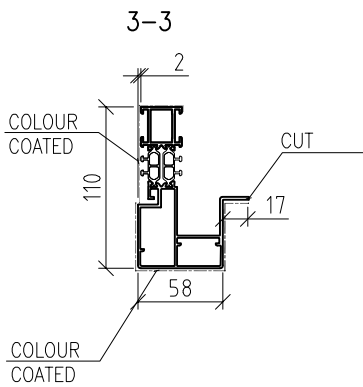
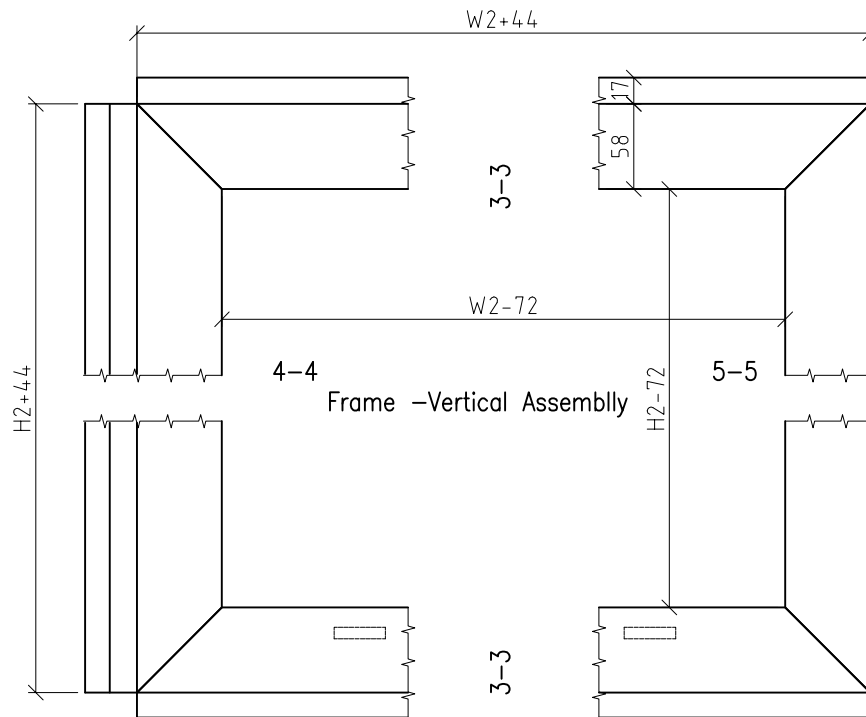
L = _____ PCS _____
L = _____ PCS _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details.

- | ITEM 12 | A028 | Window Frame Profile–HF21 (3–3)
- | ITEM 13 | A029 | Window Frame Profile–HF16 (4–4)
- | ITEM 14 | A030 | Window Frame Profile–HF17 (5–5)



Material: Alu

Colour _____

Colour _____

(3-3) L = W2+44= _____ PCS _____

(4-4) L = H2+44= _____ PCS _____

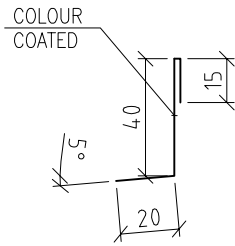
(5-5) L = H2+44= _____ PCS _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

| ITEM 16 | 01175 | Flashing



Material Fe metal sheet 0,7 mm

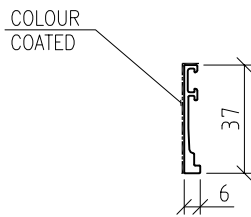
Colour _____

L = _____ PCS _____

L = _____ PCS _____

Steel Sheet width ... 75

| ITEM 19 | A031 | Outer glass fixing element–HF22



Material: Alu

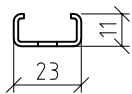
Colour _____

L = _____ PCS _____

L = _____ PCS _____

L = _____ PCS _____

| ITEM 20 | N637 | Load bearing U shaped washer

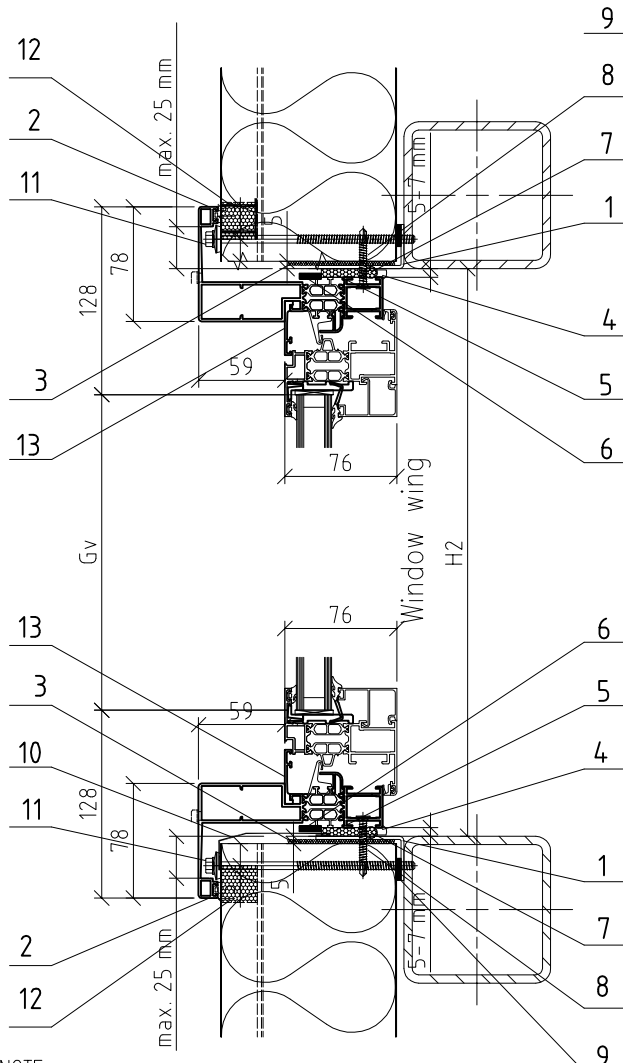


Material Fe metal sheet 1,5 mm
zinc – coated metal sheet

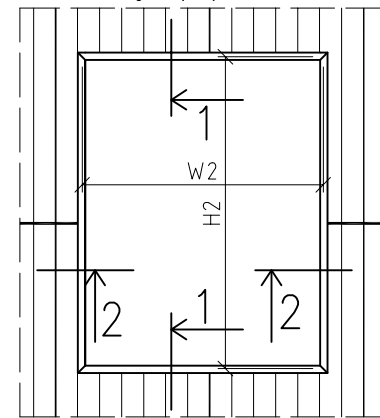
L = 150 mm PIECE _____

L = 150 mm PIECE _____

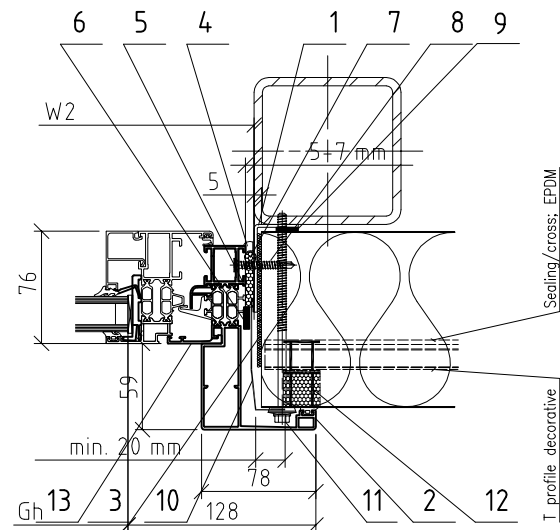
1-1



H2, W2 ... window clear space
Window Length (W2)= max. 6.500 mm



2-2



- NOTE:
- Installation of the detail without a substructure is allowed only with a prior static calculation prepared by Trimo technical department.
 - When Al frame assembled connection Frame/cladding tightness must be assured.
 - The detail does not include window sash and associated seals.
 - Butyl Tape (Pos 10) to be bended 50 mm on vertical side.
 - Window frames longer than 6,5 m must be diletated – see detail AV8/4,5,6
 - Cladding element joint to be sealed above window opening until first longitudinal joint.
 - Seals and sashes are available at an additional cost. Glazing seals are in domain of the glass supplier.
 - Seals must be determined according to the project requirements.

Item Code Description

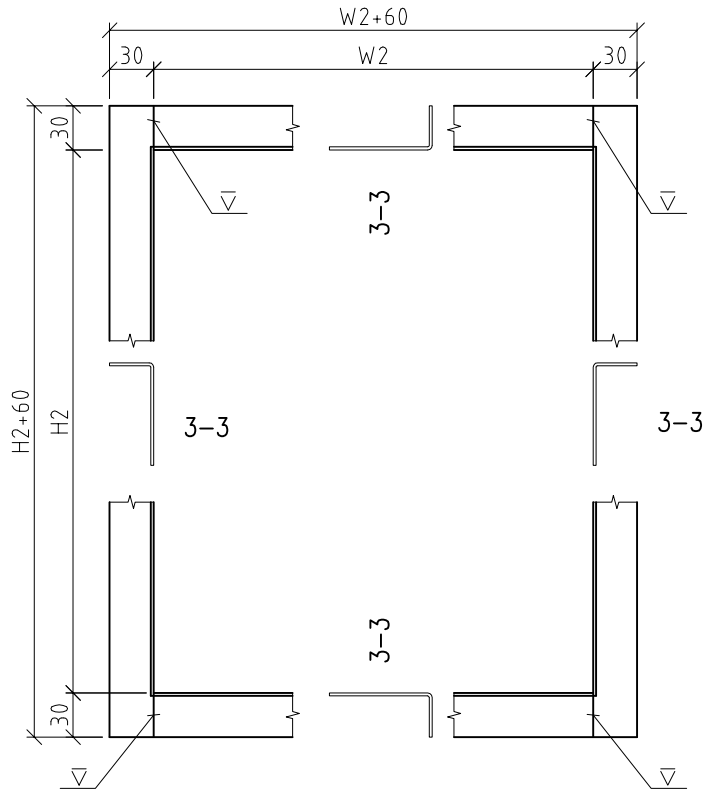
Item	Code	Description
1	N168	Support frame
2	A025	Window frame–Side–HF20
3	W001	Insulation – MW
4	T006	Mastic sealant
5	W025	Insulation foam
6	T016	Sealing tape 2/10x15
7	T057	Sealing Taperounded PE ø10
8	V135	Fixing Screw 5,5x38
9	T060	Sealing tape 5x10
10	T062	Butyl tape on the aluminium foil 1x100 mm
11	V027	Fixing screw ____x____
12	T022	EPDM seal 26/26x30 + mastic seal
13	A031	Outer glass fixing element–HF22

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A. designer is responsible for any changes in details!

Subject of detail are only positioned elements!

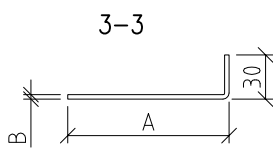
All details are the property of Trimo ©

ITEM 1 | N168 | Support frame



NOTE:
 - The weld seam should be protected using a zinc - based paint.

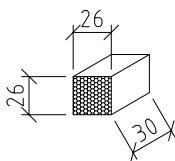
Material Fe metal sheet B
 zinc - coated metal sheet
 (3-3) L = H2+60= _____ PCS _____
 (3-3) L = W2= _____ PCS _____



Thickness S	80	100	120	133	150	172	200	240
A	20	40	60	73	90	112	140	180
B	2	2	2	2	3	3	3	3
Steel sheet width(3-3)	46	66	86	99	114	136	164	204

ITEM 12 | T022 | EPDM seal 26/26x30

NOTE:
 - To be inserted into joint when window is heigher than cladding element width!



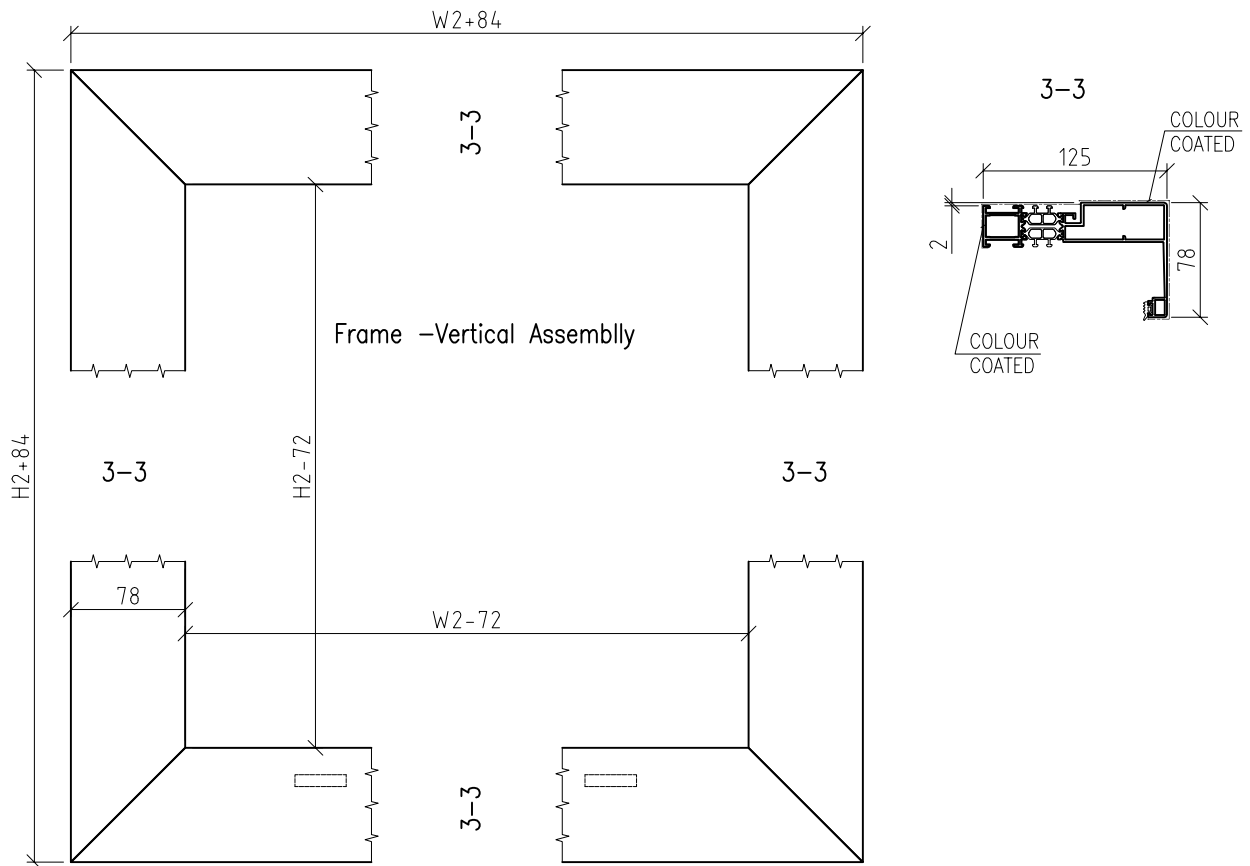
Material: EPDM
 PIECE _____
 PIECE _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

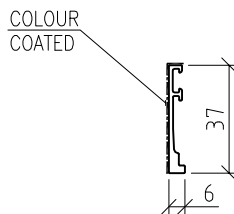
Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

ITEM 2 | A025 | Window frame–Side–HF20 (3–3)



Material: Alu
 Colour _____
 Colour _____
 (3-3) L = H2+84= _____ PCS _____
 (3-3) L = W2+84= _____ PCS _____
 L= max. 6.800 mm

ITEM 13 | A031 | Outer glass fixing element–HF22

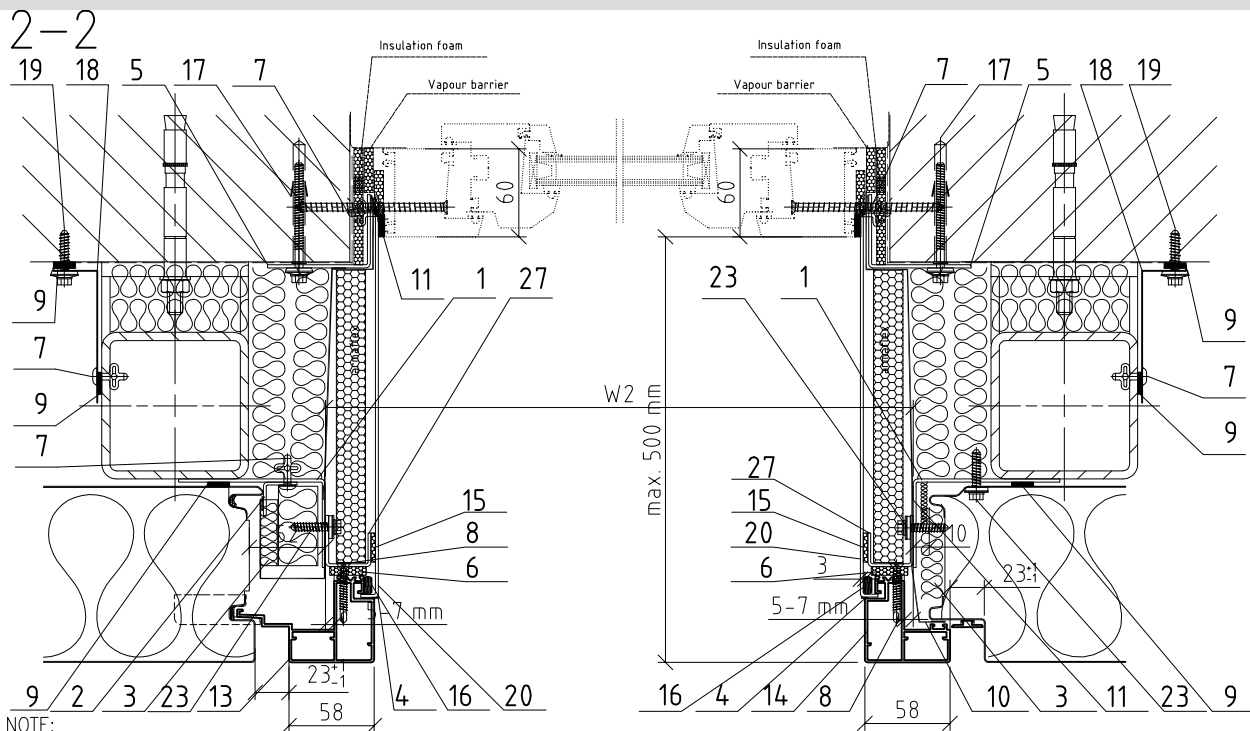


Material: Alu
 Colour _____
 L = _____ PCS _____
 L = _____ PCS _____
 L = _____ PCS _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!



NOTE:

- Detail allowed only when concrete is dry and vapour barrier on warm side is assured.
- When Al frame assembled connection Frame/cladding tightness must be assured.
- In order to assure appropriate tightness and Insulation insertion Window frame profiles must be assembled together with cladding elements assembly.
- Window shelves and Al frames longer than 4 m must be dilated.
- For screwing depth $t=25$ mm driller $\varnothing 5,0$ to be used; in case of $t=35$ mm (pos. 19) drilled $\varnothing 5,2$ to be used.
- When fixing flashing by TI screws the instructions of the SFS screw producer are to be considered.

Item	Code	Description
------	------	-------------

1	N494	Support frame
2	N435	Cladding element holder
3	W001	Insulation – MW
4	T006	Mastic sealant
5	N149	Fixing/leveling profile
6	T003	Sealing tape EPDM 6x25
7	K014	Bulb tite rivet 5.2x19.1 (min. 3 pcs/m)
8	V135	Fixing Screw 5,5x38
9	T060	Sealing tape 5x10
10	F040	EPDM foil – outer assembly
11	T055	EPDM foil glue
12	A047	Window Frame Profile–HF29
13	A048	Window Frame Profile–HF24
14	A049	Window Frame Profile–HF25
15	T027	Assembly tape 1x12 mm
16	T059	Sealing/gluing putty (f.e. Sikaflex 252)
17	S001	Anchor bolt ___x___ (min. 1 pcs/m)
18	O1101	Insulation Flashing
19	V045	Fixing Screw (f.e.. SFS TI 6,3x32)
20	A034	Window shelve side
21	A035	Window shelve top
22	A036	Window shelve bottom
23	V021	Fixing screw
24	P021	Fixing Screw ___x___ (Without washer)
25	O1175	Flashing
26	T070	Mastic sealant EPDM
27	N573	C profile
28	N573	C profile (2 pcs/m)
29	N177	Cladding element holder
30	N637	Load bearing U shaped washer

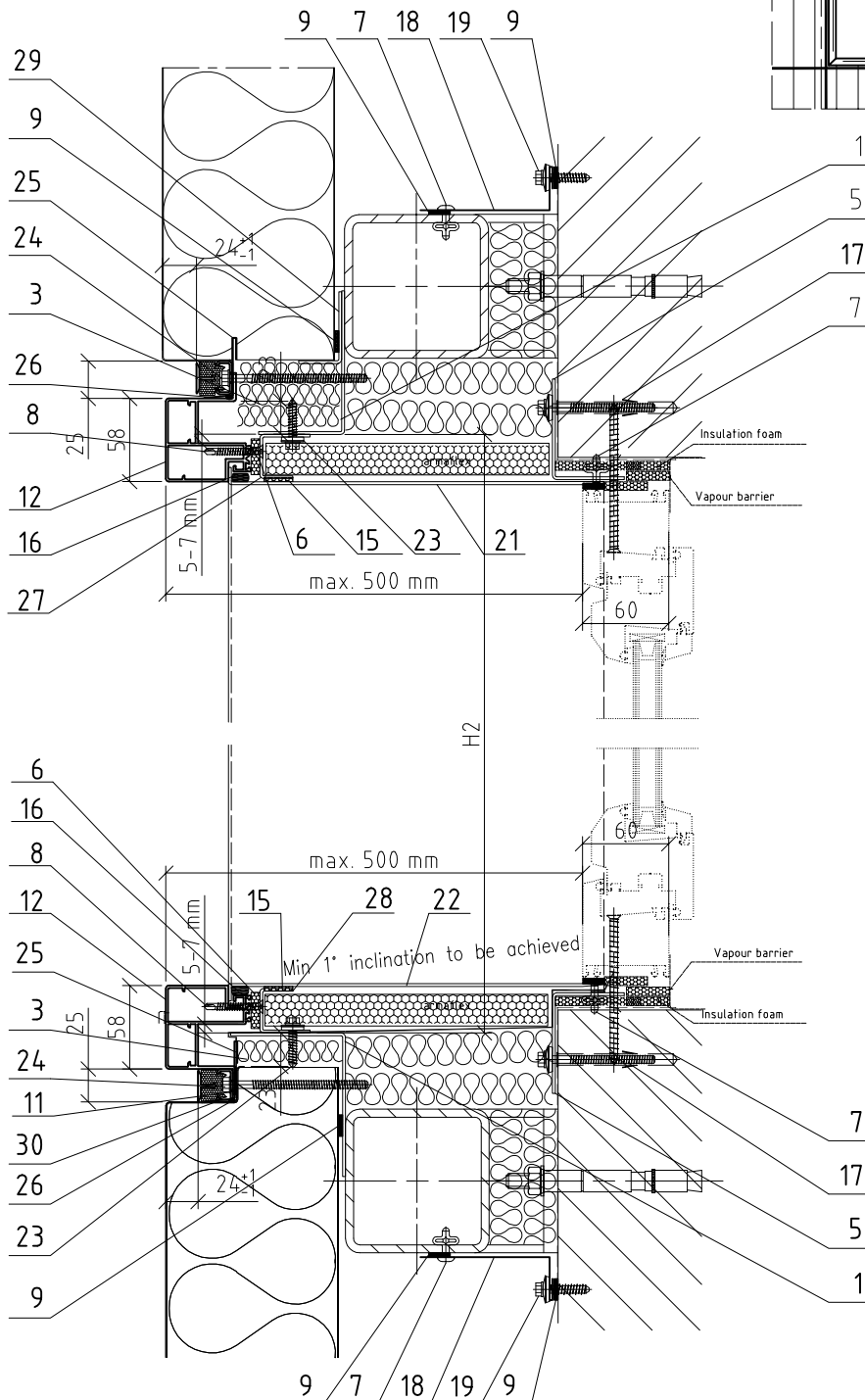
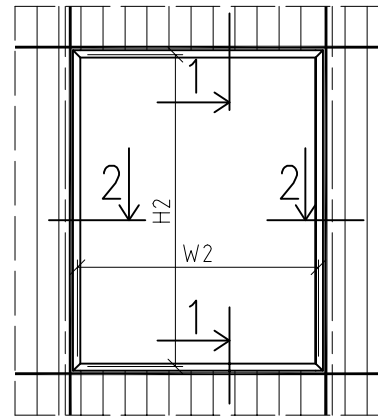
Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

H2, W2 ... window clear space
 $L_{window}(W2) = \text{max. } 4.000 \text{ mm}$

1-1

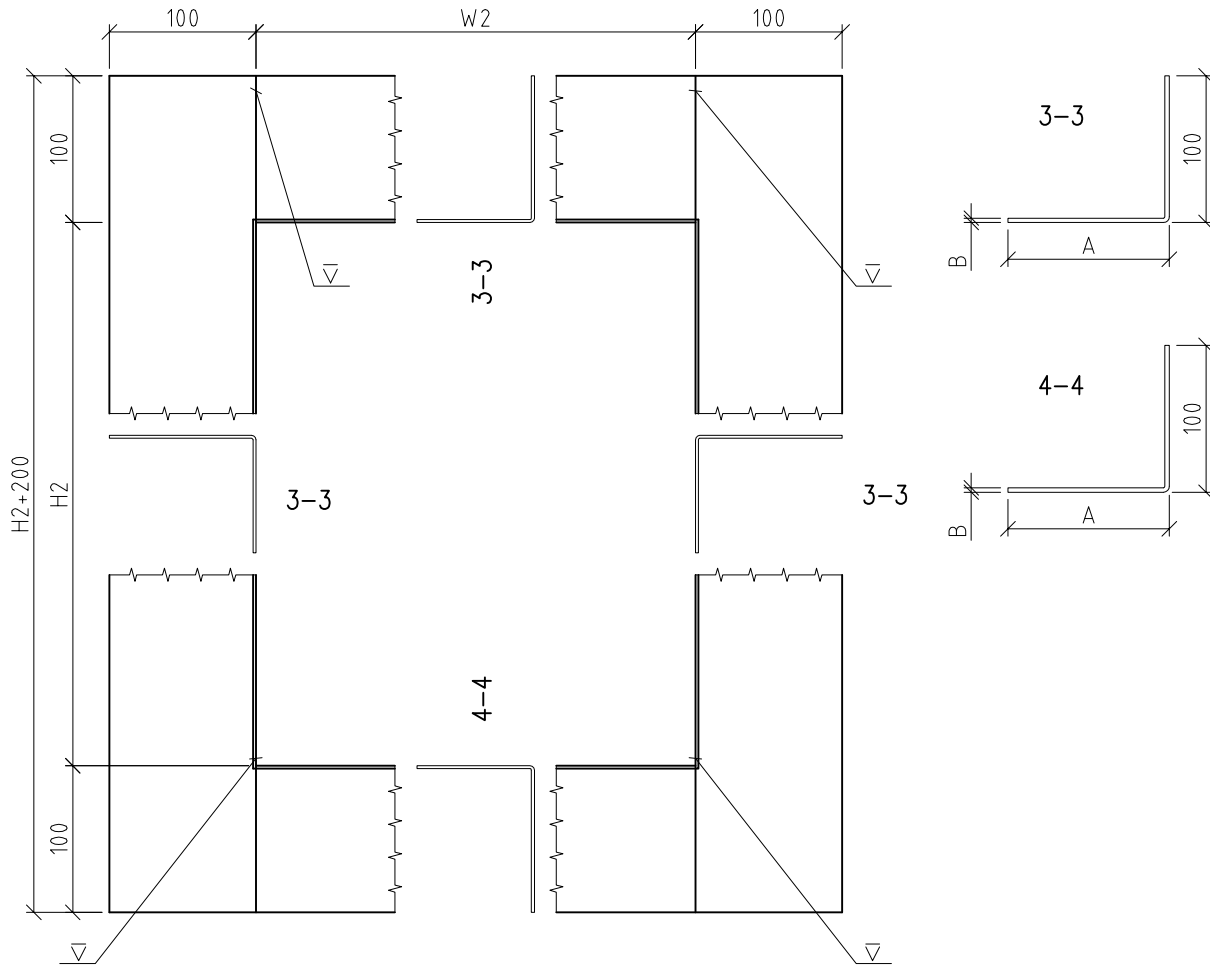


Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | N494 | Support frame



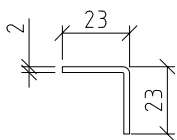
NOTE:

- The weld seam should be protected using a zinc - based paint.

Material Fe metal sheet 3 mm
zinc - coated metal sheet
(3-3) L = H2+200= _____ PCS _____
(3-3) L = W2= _____ PCS _____
(4-4) L = W2= _____ PCS _____

Thickness S	80	100	120	133	150	172	200	240
A	20	40	60	73	90	112	140	180
B	3	3	3	3	3	3	3	3
Steel sheet width(3-3)	114	134	154	167	184	206	234	274
A	40	60	80	93	110	132	160	200
Steel sheet width(4-4)	134	154	174	187	204	226	254	294

ITEM 2 | N435 | Cladding element holder

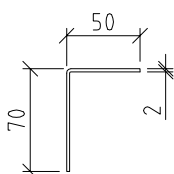


Material Fe metal sheet 2 mm
zinc - coated metal sheet

L = _____ PCS _____
L = _____ PCS _____

Steel sheet width ... 42

ITEM 5 | N149 | Cladding element holder



Material Fe metal sheet 2 mm
zinc - coated metal sheet

L=W2-80= _____ PCS _____
L=H2-80= _____ PCS _____

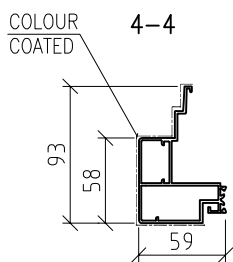
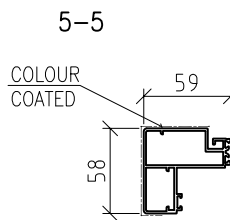
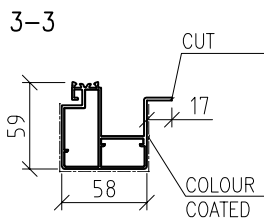
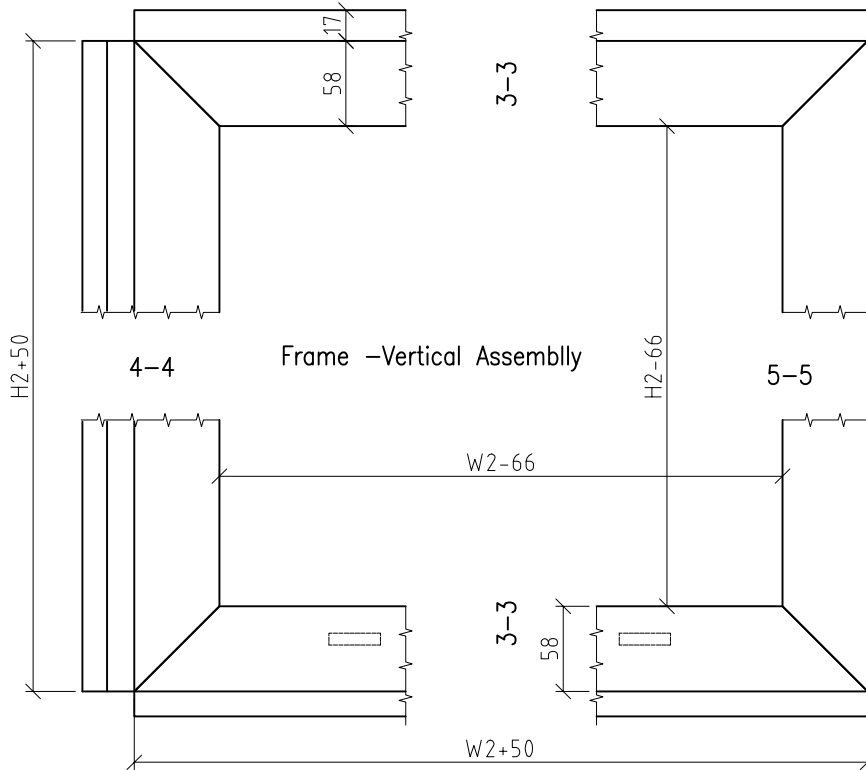
Steel sheet width ... 116

Subject of detail are only positioned elements!

All details are the property of Trimo ©

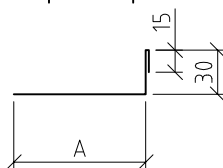
Ver.: 1.6 - Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details.

- | ITEM 12 | A047 | Window Frame Profile–HF29 (3–3)
- | ITEM 13 | A048 | Window Frame Profile–HF24 (4–4)
- | ITEM 14 | A049 | Window Frame Profile–HF25 (5–5)



Material: Alu
 Colour _____
 (3-3) L = $W2+50=$ _____ PCS _____
 (4-4) L = $H2+50=$ _____ PCS _____
 (5-5) L = $H2+50=$ _____ PCS _____
L= max. 6.800 mm

- | ITEM 18 | O1101 | Insulation Flashing



Material: galvanised steel sheet 0,6 mm
 L = _____ PIECE _____
 L = _____ PIECE _____

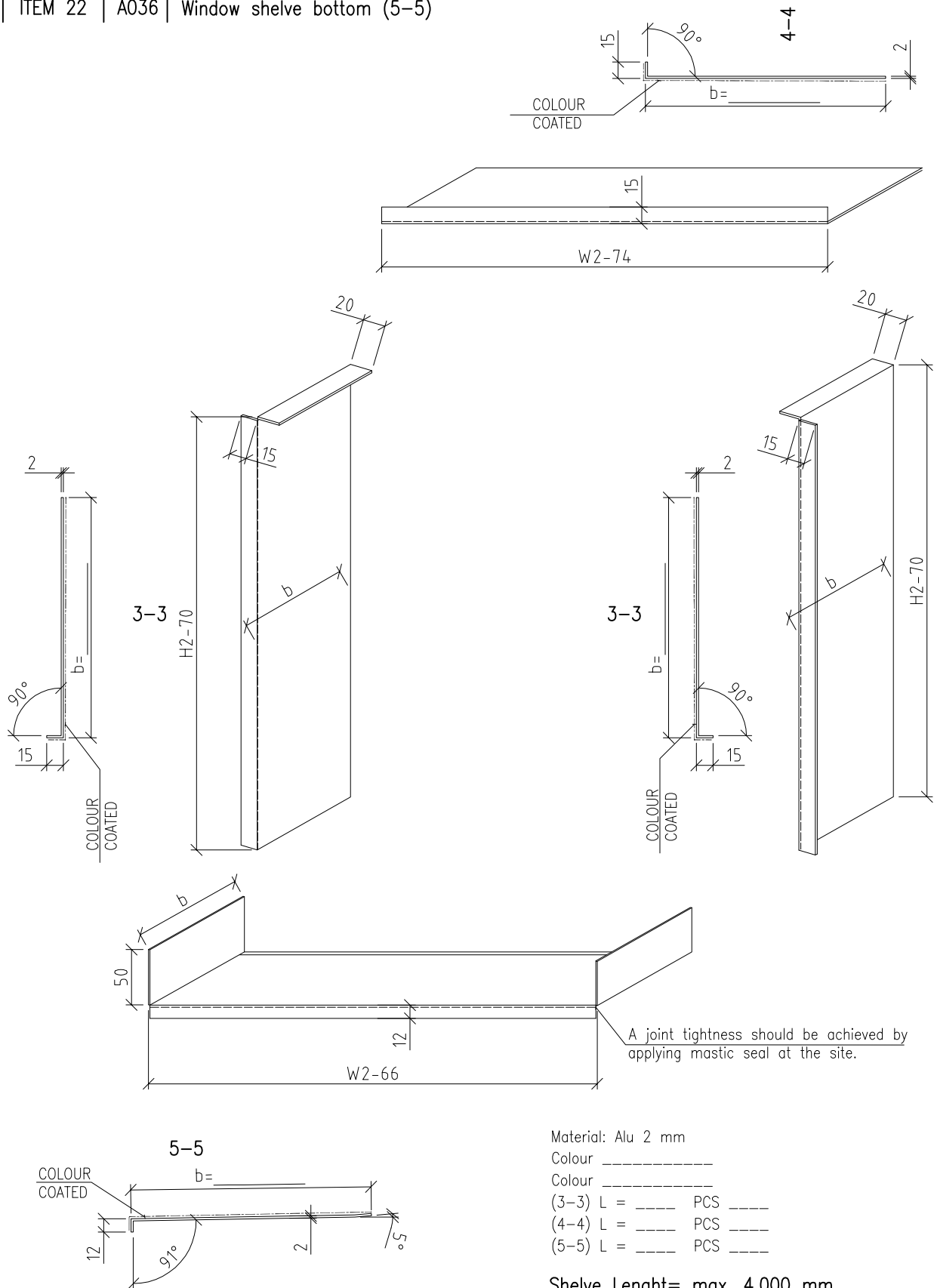
Steel sheet width ... $A + 45$ mm

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

- | ITEM 20 | A034 | Window shelf side (left+right)(3-3)
- | ITEM 21 | A035 | Window shelf top (4-4)
- | ITEM 22 | A036 | Window shelf bottom (5-5)



Material: Alu 2 mm
 Colour _____
 Colour _____
 (3-3) L = _____ PCS _____
 (4-4) L = _____ PCS _____
 (5-5) L = _____ PCS _____

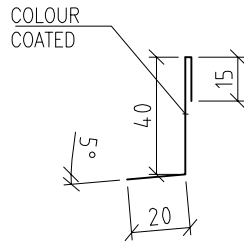
Shelf Length= max. 4.000 mm

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

ITEM 25 | 01175 | Flashing



Material Fe metal sheet 0,7 mm

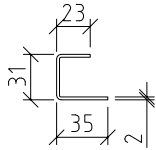
Colour _____

L = _____ PCS _____

L = _____ PCS _____

Steel Sheet width ... 75

ITEM 27 | N573 | C profile



Material Fe metal sheet 2 mm

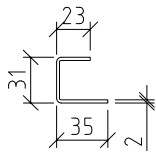
zinc - coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

Steel sheet width ... 80

ITEM 28 | N573 | C profile



Material Fe metal sheet 2 mm

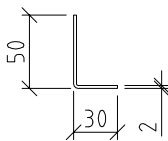
zinc - coated metal sheet

L = 200 mm PCS _____

L = 200 mm PCS _____

Steel sheet width ... 80

ITEM 29 | N177 | Cladding element holder



Material Fe metal sheet 2 mm

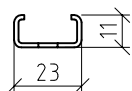
zinc - coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

Steel sheet width ... 76

ITEM 30 | N637 | Load bearing U shaped washer

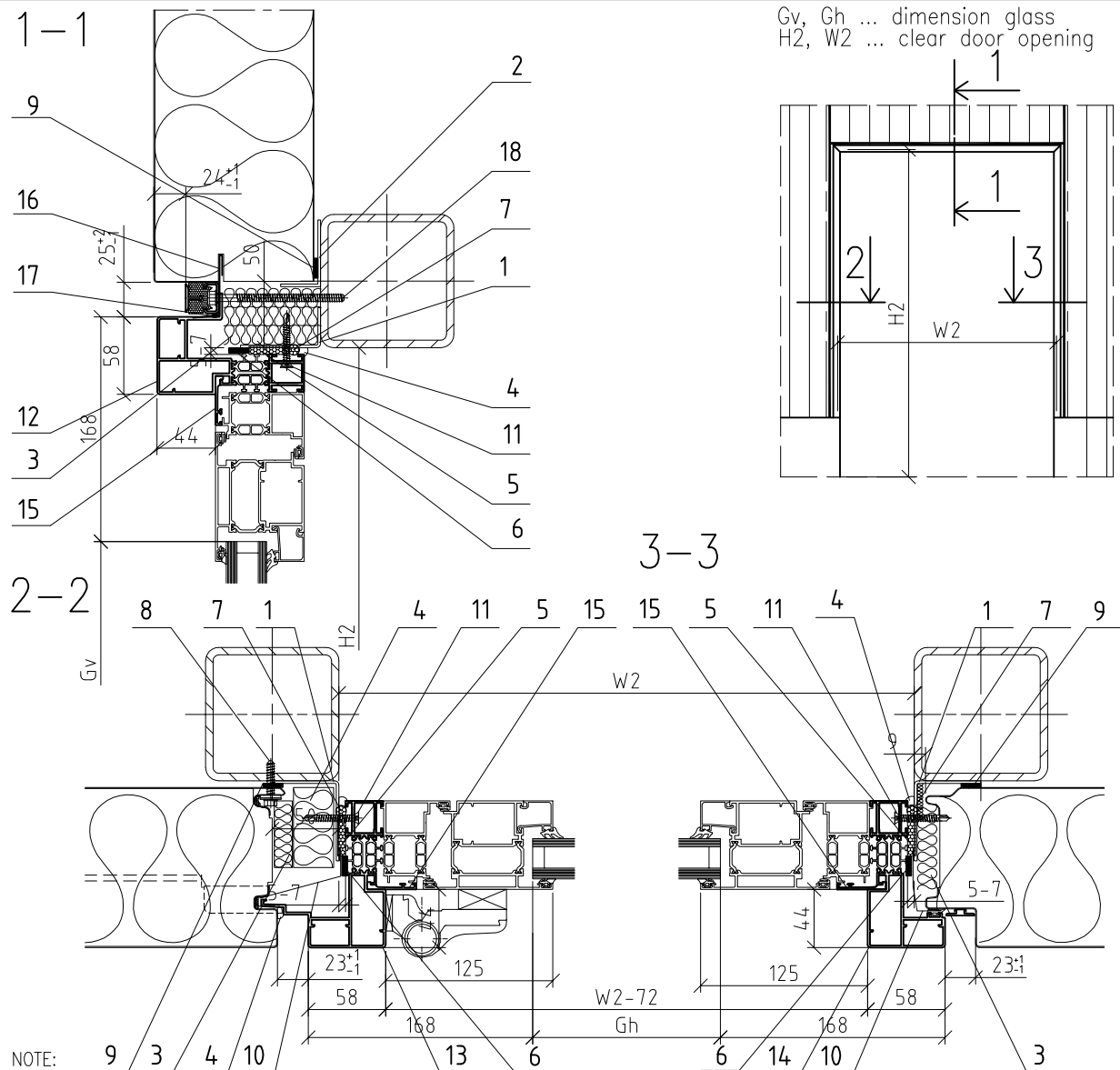


Material Fe metal sheet 1,5 mm

zinc - coated metal sheet

L = 150 mm PIECE _____

L = 150 mm PIECE _____



NOTE:

- Installation of the detail without a substructure is allowed only with a prior static calculation prepared by Trimo technical department.
- Joint tightness between panel and AL frame must be assured during installation.
- The detail does not include window sash and associated seals.
- Seals and sashes are available at an additional cost. Glazing seals are in domain of the glass supplier.
- Seals must be determined according to the project requirements.

Item Code Description

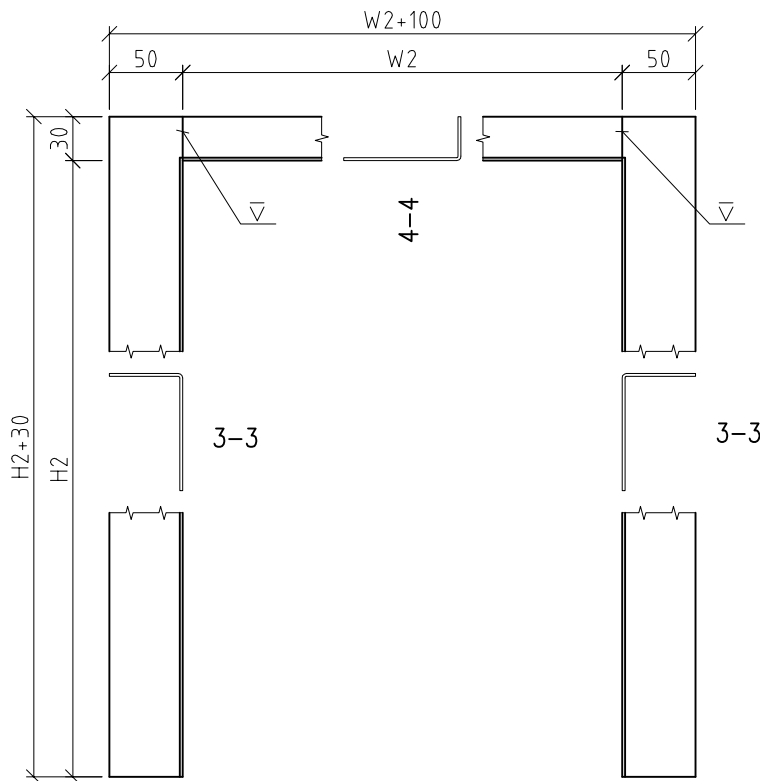
1	N062	Support frame
2	N177	Cladding element holder
3	W001	Thermal Insulation-MW
4	T006	Mastic sealant
5	W025	Insulation foam
6	T016	Sealing tape 2/10x15
7	T057	Rounded PE gasket \varnothing 10 mm
8	V021	Fixing screw (1pcs/m)
9	T060	Sealing tape 5x10
10	T062	Butyl tape on the aluminium foil 1x100 mm
11	V135	Fixing screw 5,5x38
12	A028	Door frame profile-HF21
13	A029	Door frame profile-HF16
14	A030	Door frame profile-HF17
15	A031	Outer glass fixing element-HF22
16	O1175	Flashing
17	T070	Mastic sealant EPDM
18	P021	Fixing screw ____x____ (Without washer)

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | N062 | Support frame

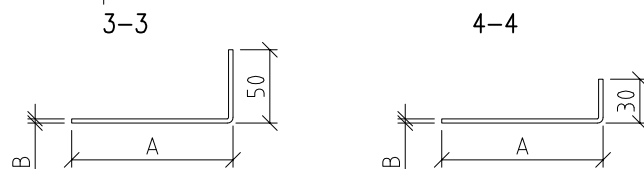


NOTE:

- The weld seam should be protected using a zinc - based paint.

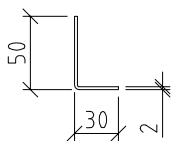
Material Fe metal sheet B mm
zinc - coated metal sheet

(3-3) L = H2+30= _____ PCS _____
(4-4) L = W2= _____ PCS _____



Thickness S	80	100	120	133	150	172	200	240
A	20	40	60	73	90	112	140	180
B	2	2	2	2	3	3	3	3
Steel sheet width(3-3)	66	86	106	119	134	156	184	224
Steel sheet width(4-4)	46	66	86	99	114	136	164	204

ITEM 2 | N177 | Cladding element holder



Material Fe metal sheet 2 mm
zinc - coated metal sheet

L= _____ PCS _____
L= _____ PCS _____

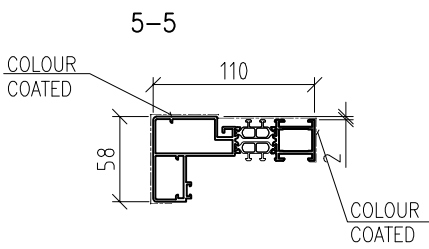
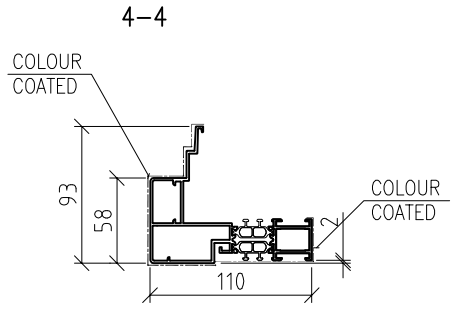
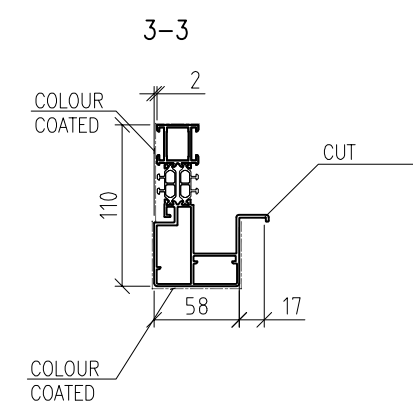
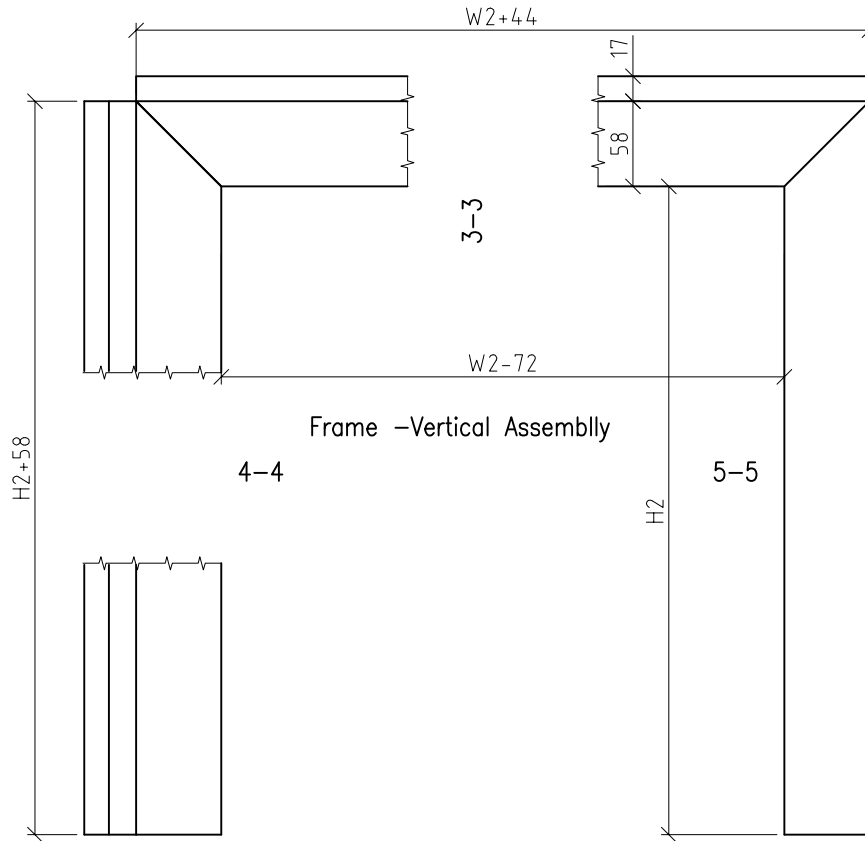
Steel sheet width ... 76

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 - Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details.

- | ITEM 12 | A028 | Door frame profile–HF21 (3–3)
- | ITEM 13 | A029 | Door frame profile–HF16 (4–4)
- | ITEM 14 | A030 | Door frame profile–HF17 (5–5)



Material: Alu
 Colour _____
 Colour _____

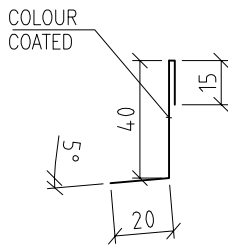
(3-3) L = $W2+44=$	_____	PCS	_____
(4-4) L = $H2+58=$	_____	PCS	_____
(5-5) L = $H2+58=$	_____	PCS	_____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

| ITEM 16 | 01175 | Flashing



Material Fe metal sheet 0,7 mm

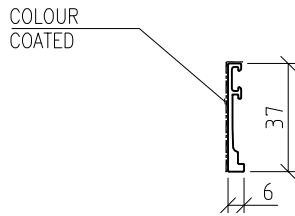
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel Sheet width ... 75

| ITEM 15 | A031 | Outer glass fixing element–HF22



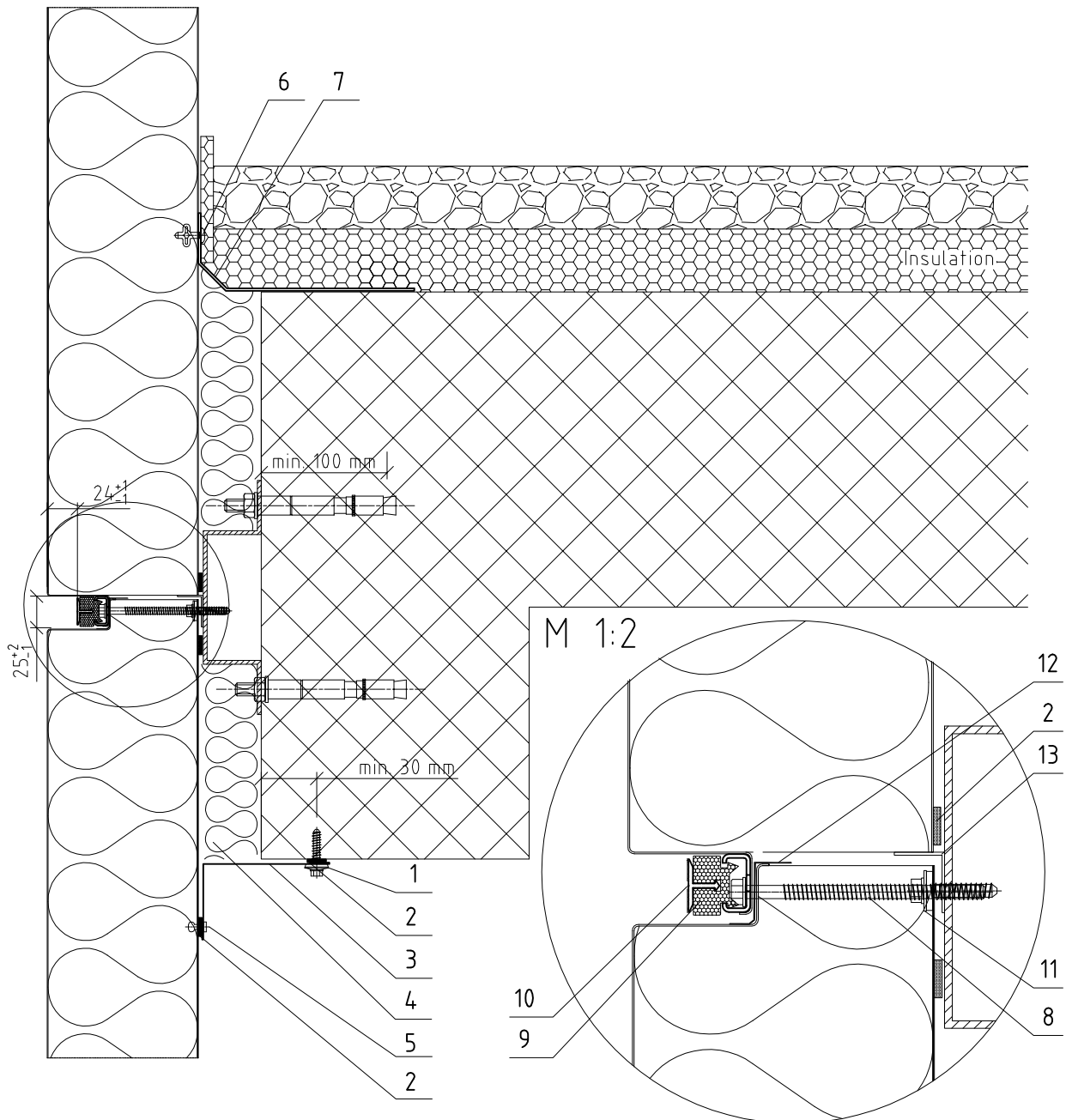
Material: Alu

Colour _____

L = _____ PCS _____

L = _____ PCS _____

L = _____ PCS _____



NOTE:

- Static Calculation needed for rivets (item 6) determination.
- When fixing flashing by TI screws the instructions of the SFS screw producer are to be considered.

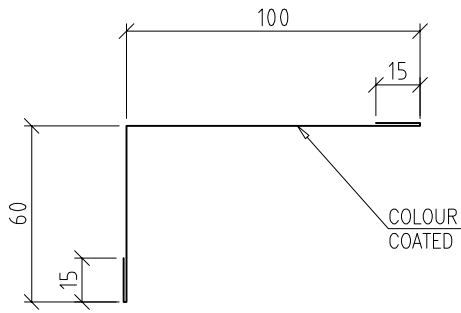
Item	Code	Description
1	V045	SFS screw TI 6,3x32
2	T060	Sealing tape 5x10
3	O1077	Joint flashing
4	W001	Insulation – MW
5	K002	Blind rivet 4x10 (min 3pcs/m)
6	K014	Bulb tite rivet 5.2x19.1
7	N445	Fixing profile
8	V024	Fixing Screw ____x____
9	T052	EPDM gasket
10	A023	T profile decorative
11	V021	Self-tapping screw 6,3x25
12	T102	Foil with glue (1 pcs/cladding element)
13	N544	Joint Profile

Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 3 | 01077 | Joint flashing



Material: galvanised steel sheet 0,6 mm

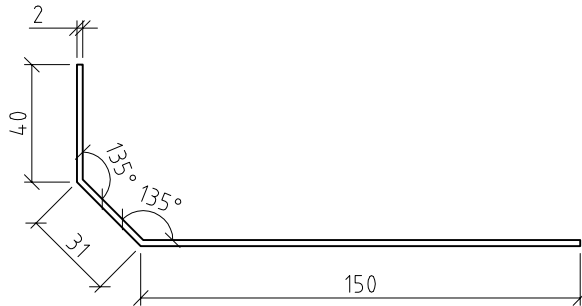
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 190

ITEM 7 | N445 | Fixing profile



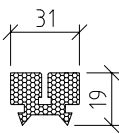
Material Fe metal sheet 2 mm

zinc – coated metal sheet

L = _____ PIECE _____

Steel sheet width ... 214

ITEM 9 | T052 | EPDM gasket

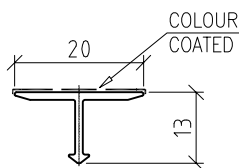


Material: EPDM

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 10 | A023 | T profile decorative



Material: Alu

Colour _____

L = _____ PIECE _____

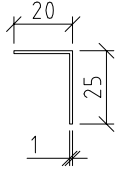
L = _____ PIECE _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

| ITEM 13 | N544 | Joint Profile



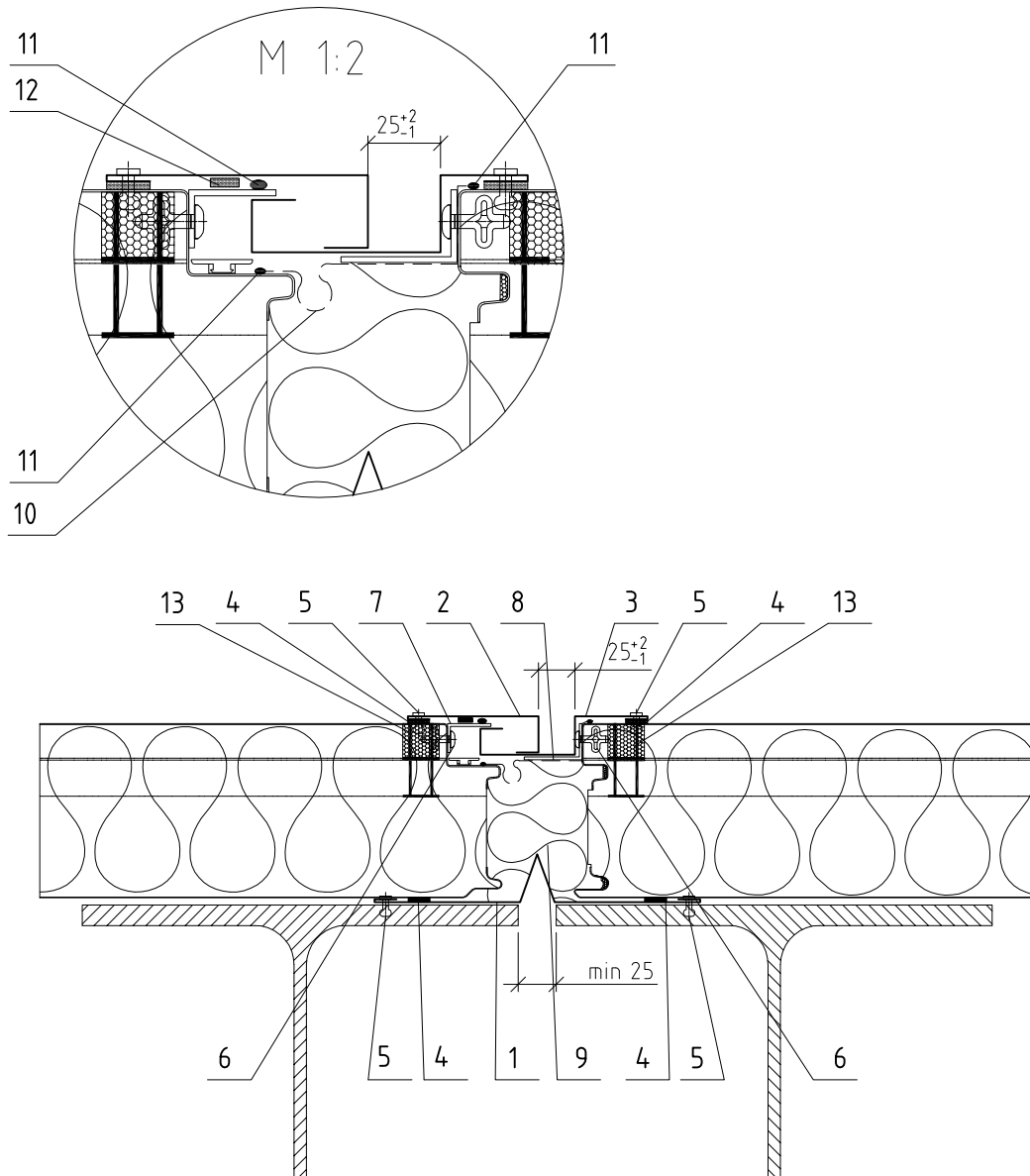
Material: galvanised steel sheet 1 mm
zinc - coated metal sheet

L = _____ PIECE _____
L = _____ PIECE _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!



NOTE:

- Detail suitable for substructure in tolerance ± 2 mm (see TD Q01 – Sealing)
- Max. Dilation allowed ± 25 mm.

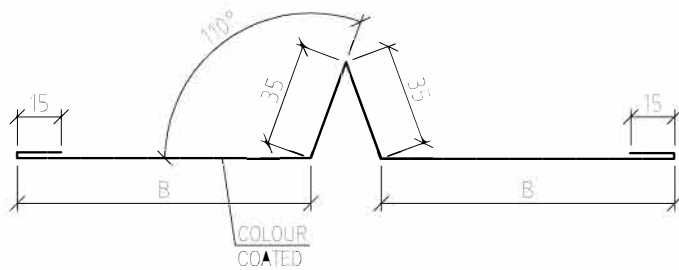
Item	Code	Description
1	01089	Dilatation Flashing – inner
2	01179	Dilatation Flashing Outer 1
3	01181	Dilatation Flashing Outer 2
4	T060	Sealing tape 5x10
5	K002	Blind Rivet 4x10
6	K014	Blind Rivet 5,2x19,1
7	N548	Fixing Profile – Outer
8	N550	Fixing Profile – Inner
9	W002	Insulation – MW (min. 30 kg/m ³)
10	T054	EPDM foil – outer assembly
11	T055	EPDM foil glue
12	T027	Assembly tape 12x1
13	T022	EPDM seal 26/26x30 + mastic seal

Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | 01089 | Dilatation Flashing – inner



Material Fe metal sheet 0,7 mm

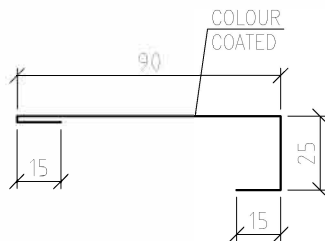
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 100+2B

ITEM 2 | 01179 | Dilatation Flashing Outer 1



Material Fe metal sheet 0,7 mm

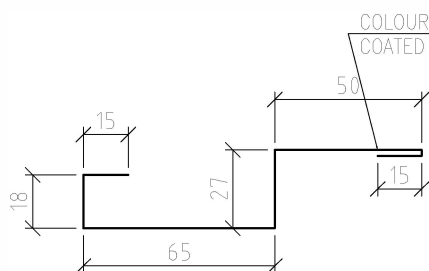
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 145

ITEM 3 | 01181 | Dilatation Flashing Outer 2



Material Fe metal sheet 0,7 mm

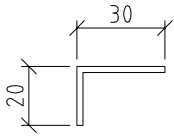
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 190

ITEM 7 | N548 | Fixing Profile – Outer



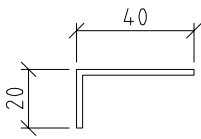
Material Fe metal sheet 2 mm

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 46

ITEM 8 | N550 | Fixing Profile – Inner



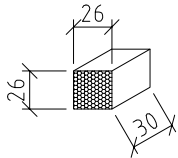
Material Fe metal sheet 2 mm

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 56

ITEM 13 | T022 | EPDM seal 26/26x30



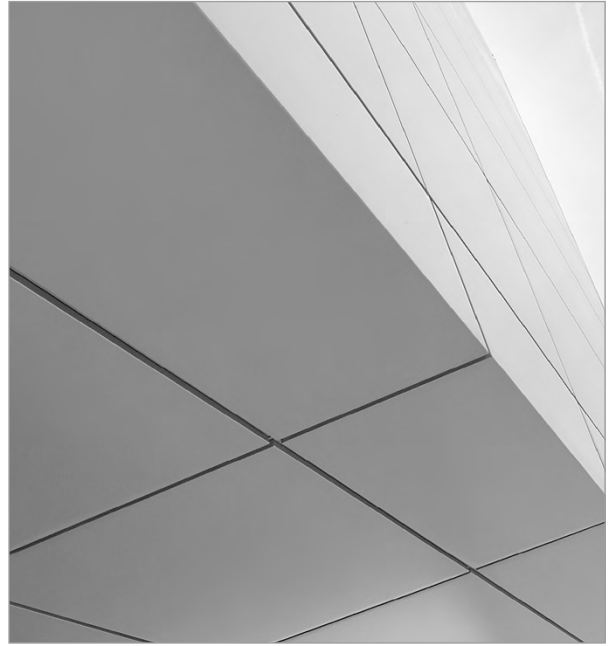
NOTE:

To be inserted into cladding element joint!

Material: EPDM

PIECE _____

PIECE _____



Trimo d.o.o.

Prijateljjeva cesta 12,
8210 Trebnje, Slovenia

t: +386 (0)7 34 60 200

f: +386 (0)7 34 60 127

qbiss.one@trimo-group.com

www.trimo-group.com

Information contained on this media is confidential and may also be legally privileged. It is intended for the stated addressee(s) and access to it and use by any other person(s) is unauthorized. Trimo Group holds full copyrights on the information and details provided on this media, therefore any unauthorized reproduction and distribution is strictly prohibited. Professional care has been taken to ensure that information/details are accurate, correct and completed and not misleading, however Trimo, including its subsidiaries, does not accept responsibility or liability for errors or information, which is found to be misleading. Information/details on this media are for general purposes only. Use of it is on your own initiative and responsibility for compliance with local laws. Any deviations in details and project solutions are user responsibility. In no event, will we be liable for any loss or damage including without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss profits arising out of or in connection with, the use of this media. All information issued by Trimo Group is subject to continuous development and information/details contained on this media are current at date of issue. It is user's responsibility to obtain most up-to-date information from Trimo when information/details are used for project.

The last version of the document is available on www.trimo-group.com.

For information about the delivery of panels see Trimo's General conditions (<https://trimo-group.com/en/trimo/general-conditions-of-sale>).