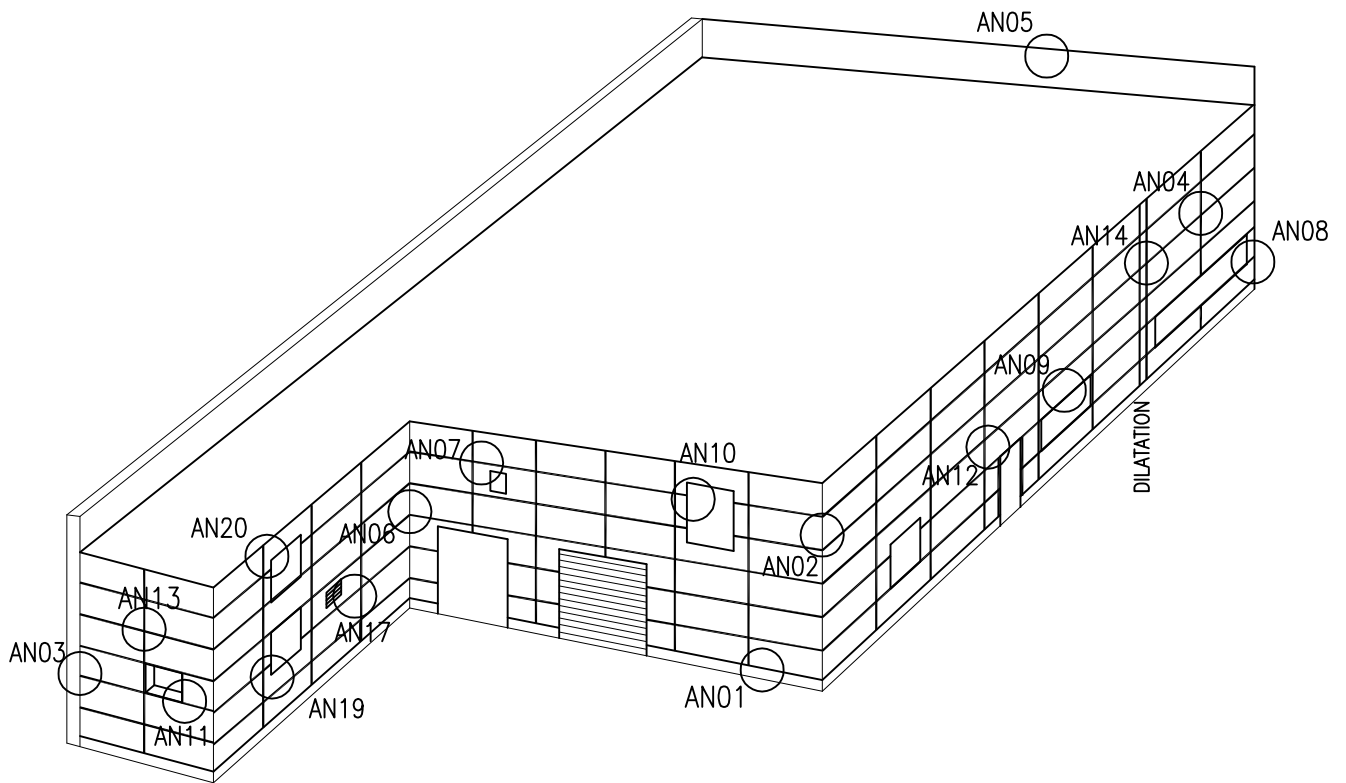




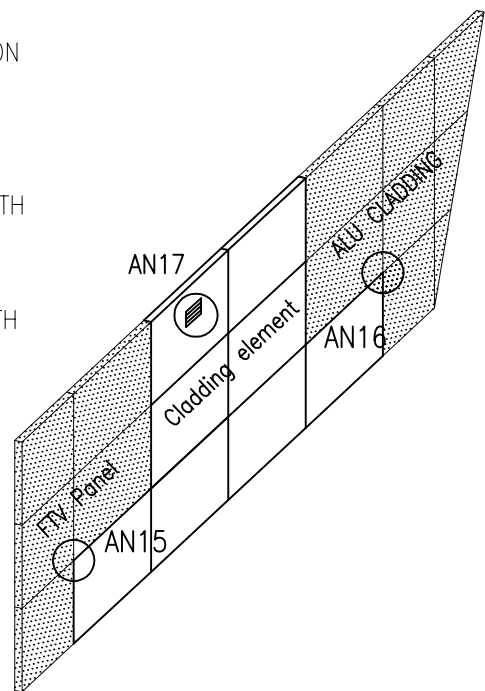
TRI MO QBISS ONE

DETAILS HORIZONTAL ASSEMBLY QBISS ONE B



AN – HORIZONTAL MODULAR CLADDING SYSTEM WITH CLADDING ELEMENTS

- AN01 – BASE DETAIL
- AN02 – CORNER
- AN03 – CLADDING ELEMENT – CONCRETE/BRICK WALL CONNECTION
- AN04 – CLADDING ELEMENT FIXING – PROLONGATION
- AN05 – PARAPET WITH SUPPORT STRUCTURE
- AN06 – CORNER – INNER
- AN07 – WINDOWS LOWER THAN CLADDING ELEMENT MODULAR WIDTH
- AN08 – WINDOW – MODULAR FIT – COVERING PROFILE
- AN09 – WINDOW – MODULAR FIT – OUTER LINE LINING
- AN10 – WINDOW HIGHER THAN CLADDING ELEMENT MODULAR WIDTH
- AN11 – WINDOW – INNER LINING
- AN12 – DOORS – MODULAR FIT
- AN13 – CLADDING ELEMENT – CONCRETE CONNECTION
- AN14 – DILATATION
- AN15 – CLADDING ELEMENT – FTV PANEL CONNECTION
- AN16 – CLADDING ELEMENT – AL CLADDING CONNECTION
- AN17 – PENETRATION – WINDOW SHADE
- AN18 – BRICK SYSTEM
- AN19 – WINDOW – MODULAR FIT BELOW – COVERING PROFILE
- AN20 – WINDOW – MODULAR FIT ABOVE – COVERING PROFILE

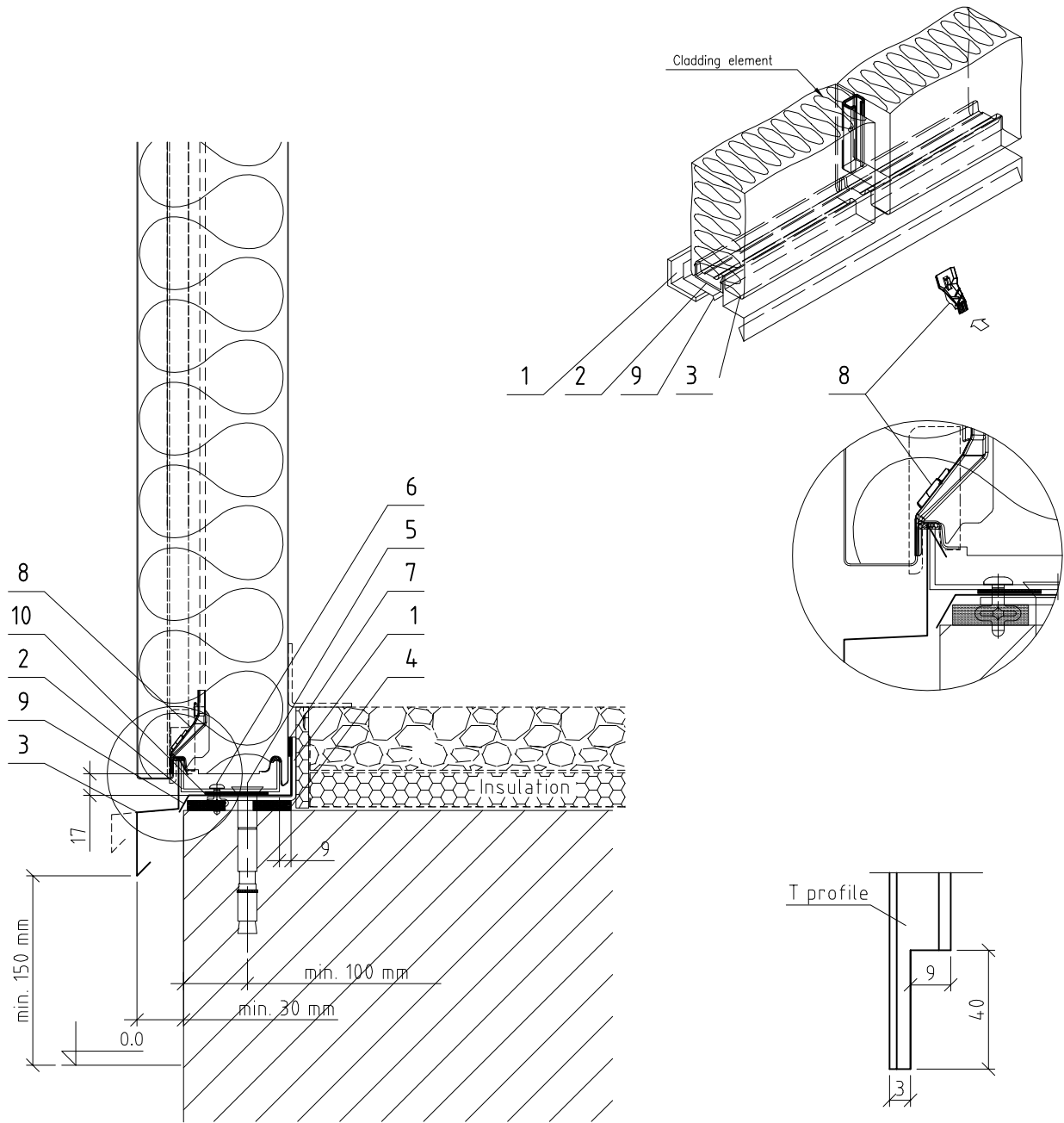


Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

View 3D:



NOTE:

- Under each vertical joint sealant item 8 must be inserted!
- Concrete insulation outer line min. 30 mm inside cladding line – otherwise drip flashing to adjust.

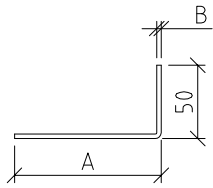
Item	Code	Description
1	N012	Cladding element holder L profile
2	N429	Cladding element holder (min. 1 pcs/m)
3	O1041	Drip flashing – prologation to be made on panel prolongation
4	T016	Sealing tape 2/10x15
5	S001	Anchor bolt ____x____ (min. 1 pcs/m)
6	K014	Bulb tite rivet 5.2x19.1 (min. 2 pcs/m)
7	T060	Sealing tape 5x10
8	T051	Drip element; below – EPDM
9	O1046	Drip flashing – secondary (option, colored)
10	T004	Sealing tape EPDM 2x47x200 (under the screw)

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 ©

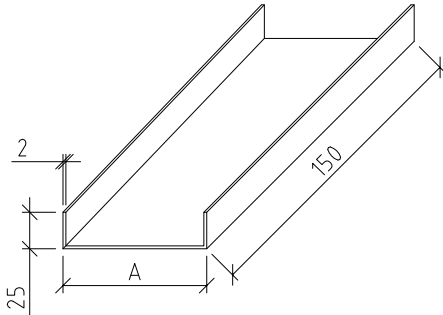
ITEM 1 | N012 | Cladding element holder L profile



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

Thickness S	80	100	120	133	150	172	200	240
A	40	50	70	83	100	122	150	190
B	1.5	1.5	1.5	2	2	2	2	2
Steel sheet width	87	97	117	129	146	168	196	236

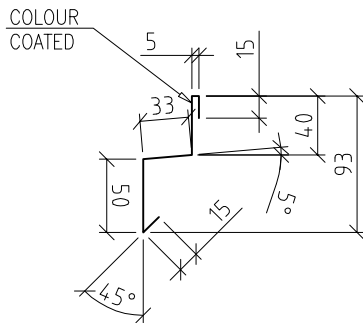
ITEM 2 | N429 | Cladding element holder



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

Thickness S	80	100	120	133	150	172	200	240
A	38	58	78	91	108	130	158	198
Steel sheet width	80	100	120	133	150	172	200	240

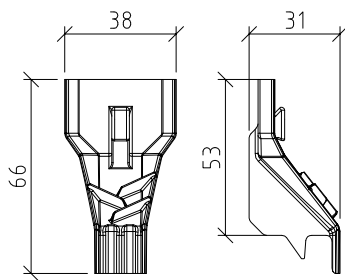
ITEM 3 | O1041 | Drip flashing – façade element



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

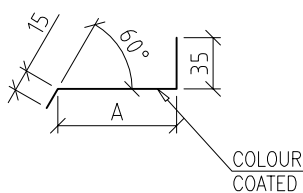
Steel sheet width ...	158
-----------------------	-----

ITEM 8 | T051 | Drip element; below – EPDM



Material EPDM
PIECE _____

ITEM 9 | O1046 | Drip flashing – secondary (option, colored)



Material Fe
Colour _____
L = _____ PIECE _____
L = _____ PIECE _____

Thickness S	80	100	120	133	150	172	200	240
A	40	60	80	93	110	132	160	200
Steel sheet width	90	110	130	143	160	182	210	250

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 detail!

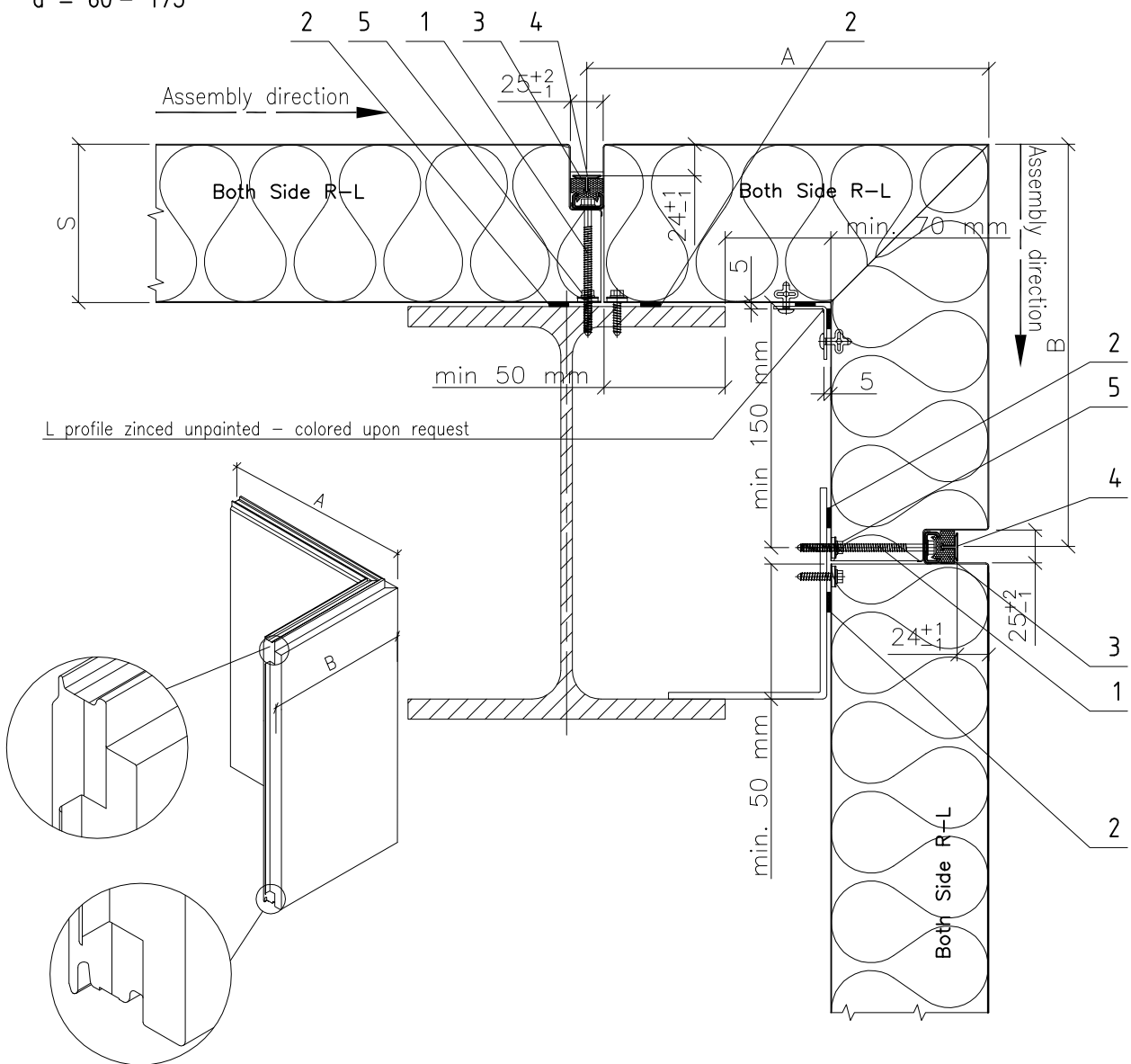
$A_{max}=B_{max} = 2500 \text{ mm}$

$(A+B)_{max} = 2000 \text{ mm}$ if A or B > 600mm

$\alpha = 60^\circ - 175^\circ$

$(A+B) = \text{min } 530 \text{ mm}$

$A_{min}=B_{min}= (150 \text{ mm} + S)$



L profile zincd unpainted – colored upon request

Assembly: Right to Left (R-L)

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!
- L profile to be shorten for 100 mm, straight line to be followed.
- Statical calculation for fixing screws quantity to be done.

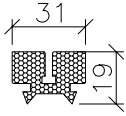
Item	Code	Description
1	P021	Fixing screw ____x____
2	T060	Sealing tape 5x10 (2 m/m1 pos.3)
3	T052	EPDM gasket
4	A023	T profile decorative
5	V021	Fixing screw

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 ©

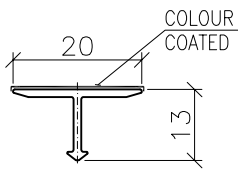
| ITEM 3 | T052 | EPDM gasket



Material: EPDM

L = _____ PIECE _____
 L = _____ PIECE _____

| ITEM 4 | A023 | T profile decorative

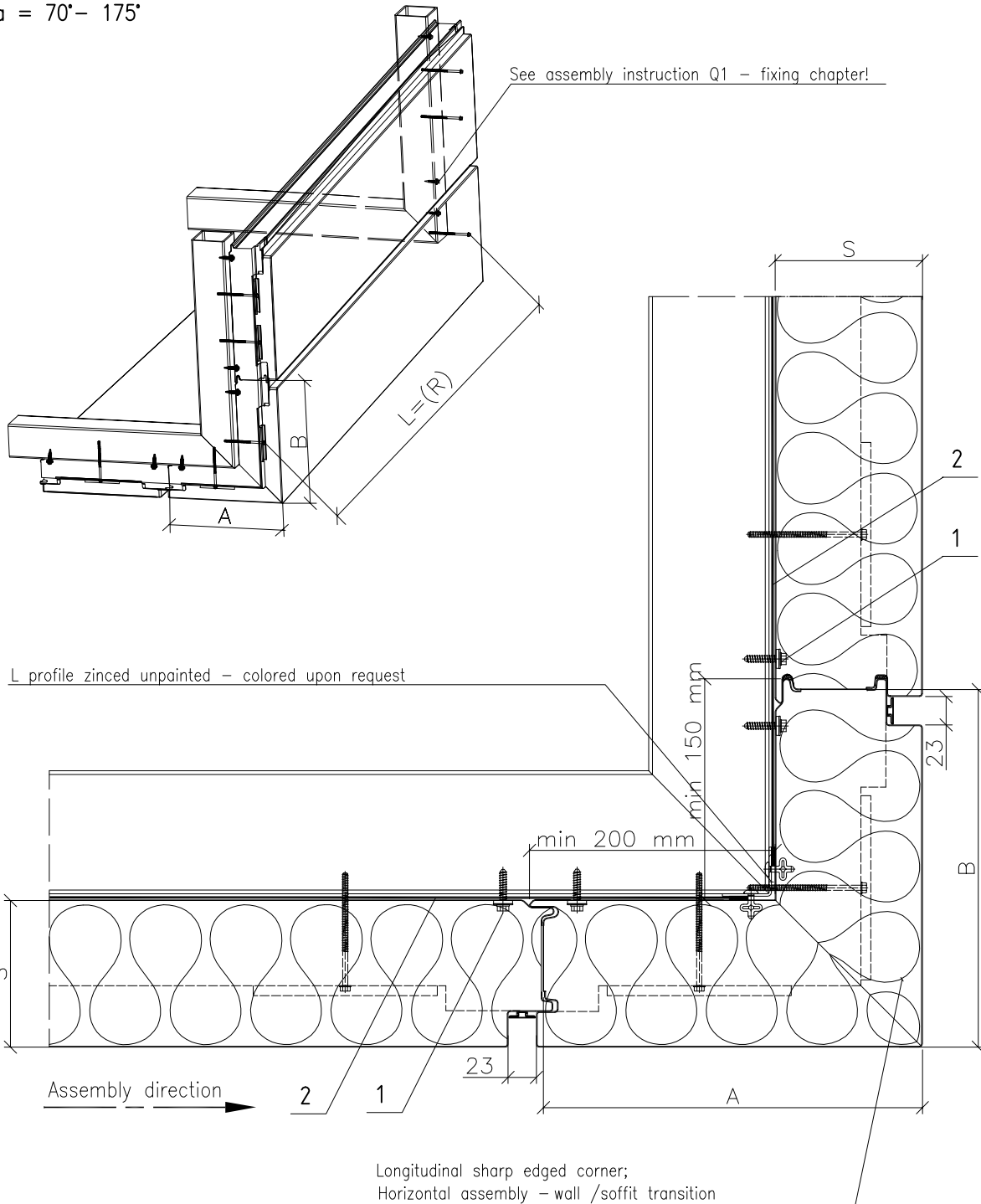


Material: Alu

Colour _____
 L = _____ PIECE _____
 L = _____ PIECE _____

S = 80 – 150 mm
 (A+B) = max 1200 mm
 L = 530 – 6500 mm
 a = 70°– 175°

(A+B) = min 600 mm
 Amin = (200 mm + S)
 Bmin = (150 mm + S)



NOTE:

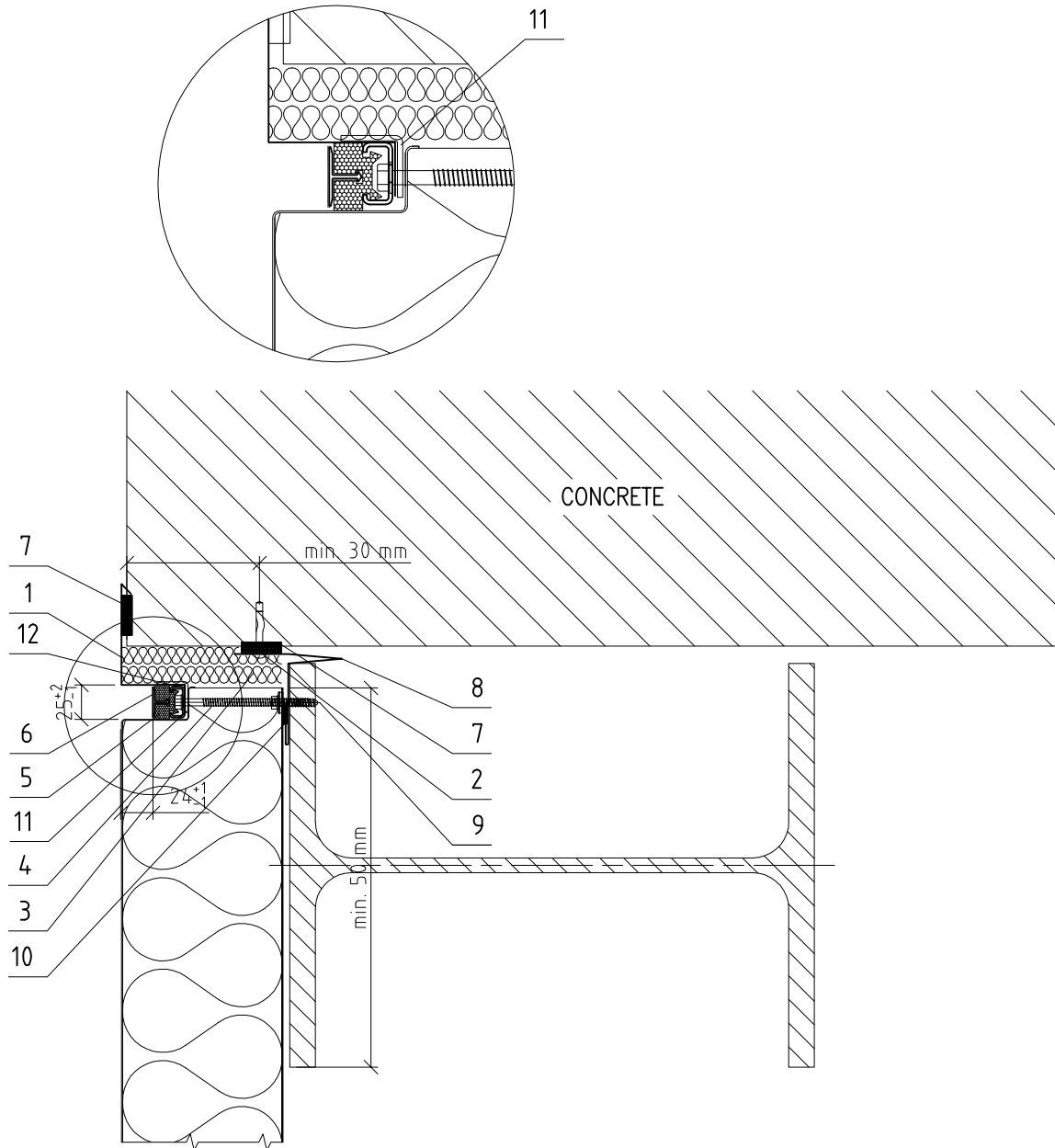
- Use of thin profiles just in case of structure thickness >12 mm!
- Dimensions A and B must be adjusted to cladding and building tolerances!
- Statical calculation for fixing screws quantity to be done.

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

1	V021	Fixing screw
2	T060	Sealing tape 5x10

Subject of detail are only positioned elements!

All details are the property of Trimo ©



NOTE:

–Fixing Element Item 2 to be adjusted on fixing structure type (concrete, brick, ...)

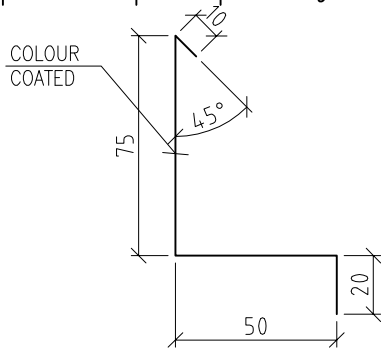
Item	Code	Description
1	O1067	Flashing element – cover to concrete wall
2	S023	SPIKE anchor
3	W001	Insulation – MW
4	P021	Fixing screw _____x_____
5	T052	EPDM gasket
6	A023	T profile decorative
7	T016	Sealing tape 2/10x15
8	O1219	Corner flashing
9	V021	Fixing Screw 6,3x25 (2 PCS/m pos.8)
10	T060	Sealing tape 5x10
11	N435	Fixing profile L 2x23x23xl
12	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 ©

ITEM 1 | 01067 | Flashing element – cover to concrete wall



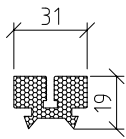
Material Fe metal sheet 0,7 mm

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 5 | T052 | EPDM gasket

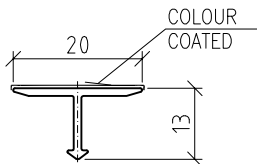


Material: EPDM

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 6 | A023 | T profile decorative



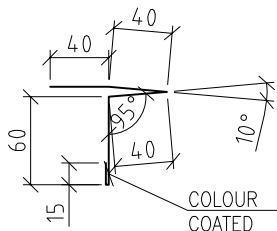
Material: Alu

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 8 | 01219 | Corner flashing



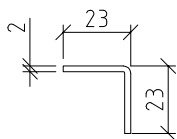
Material: galvanised steel sheet 0,6 mm

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 11 | N435 | Fixing profile L 2x23x23



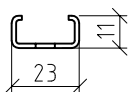
Material Fe metal sheet 2 mm

zinc – coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

ITEM 12 | N637 | Load bearing U shaped washer



Material Fe metal sheet 1,5 mm

zinc – coated metal sheet

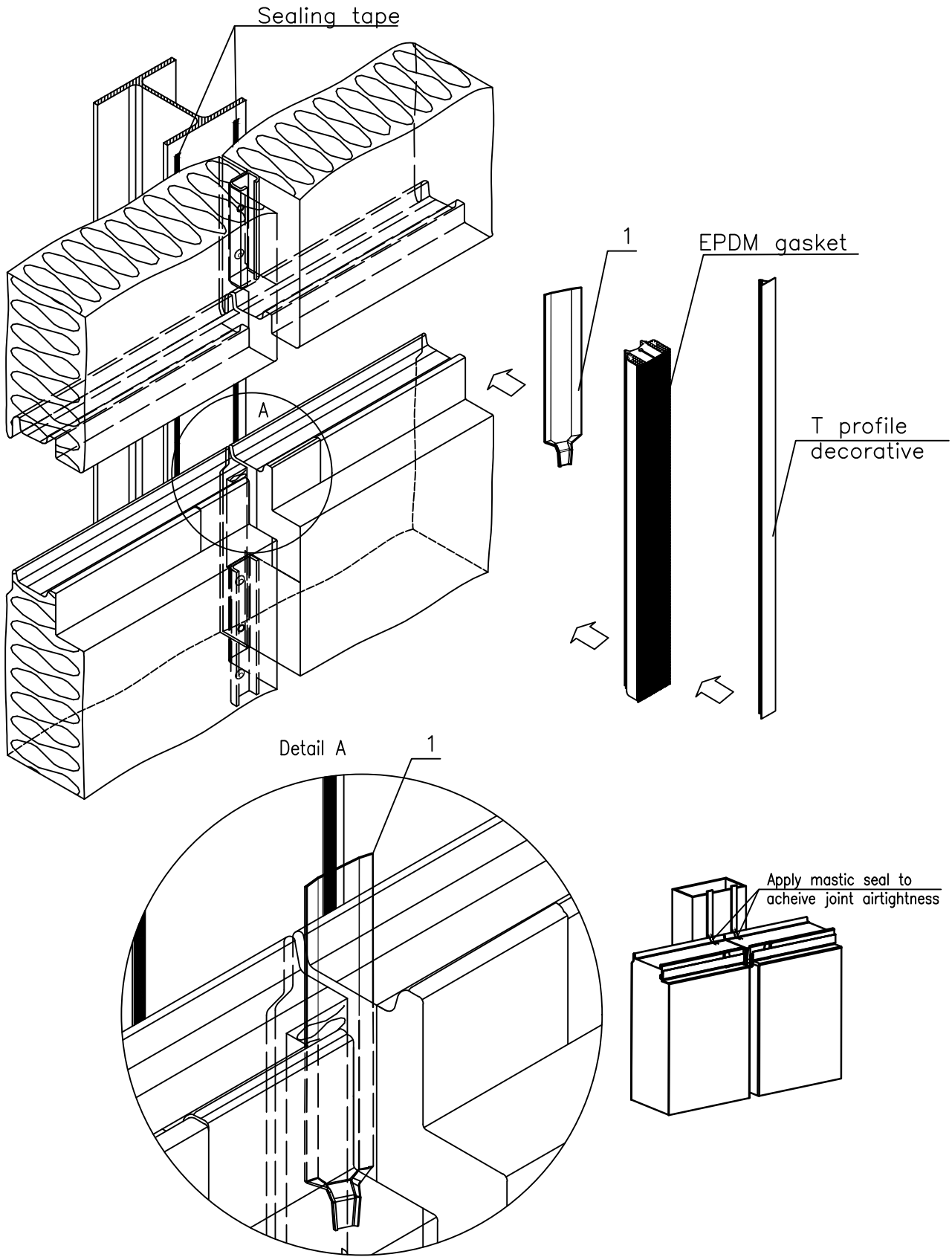
L = 150 mm PIECE _____

L = 150 mm PIECE _____

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.



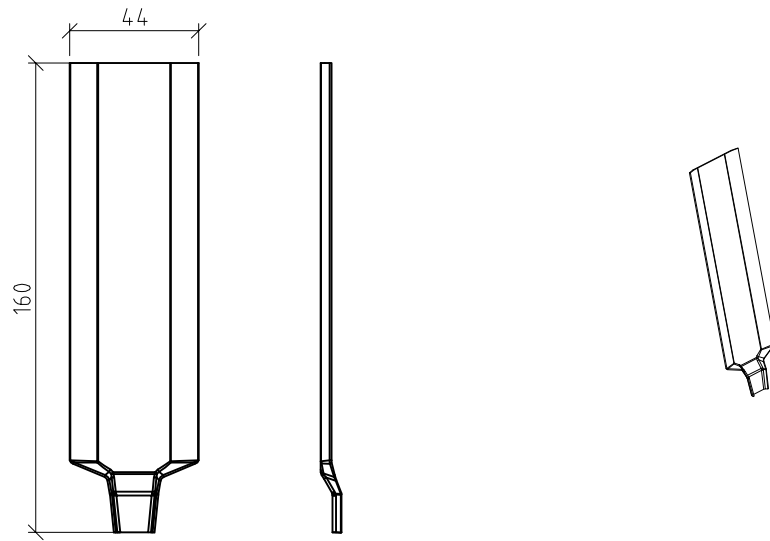
Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Item Code	Description
1	01070 Drip element on 4 cladding element connection area

Subject of detail are only positioned elements!

All details are the property of Trimo©

| ITEM 1 | 01070 | Drip element on 4 cladding element connection area



Material: galvanised steel sheet 0,6 mm

PIECE _____

PIECE _____

Subject of detail are only positioned elements!

All details are the property of Trimo ©

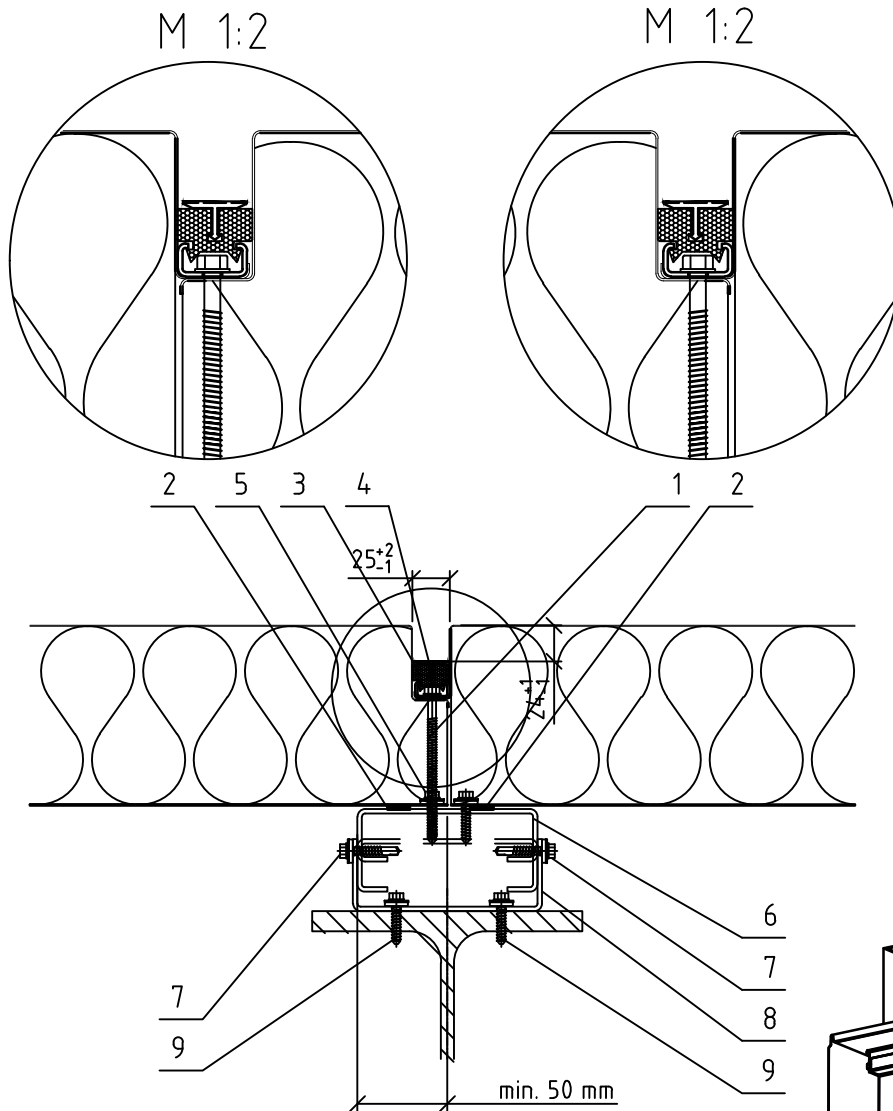
Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Horizontal cut:

Recommended direction of assembly
 ← Cladding elements from left to right

Recommended direction of assembly
 → Cladding elements from right to left

Cladding element
 vertical cross section:



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

NOTE:

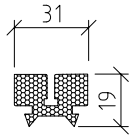
- Statical calculation for fixing screws quantity to be done (Pos.7 and 9)!
- Direction of assembly needs to be specified!
- Use of thin profiles just in case of structure thickness >12 mm!
- Statical calculation for fixing screws quantity to be done.
- It is necessary to use the shims according to trimo technical document no.63!

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	Fixing screw
6	N178	Supporting profile – HMP–B
7	V021	Fixing Screw (min 4 PCS/m1 of joint)
8	N181	Load-bearing profile – HMP–A
9	V022	Fixing screw ____x____

Subject of detail are only positioned elements!

All details are the property of Trimo©

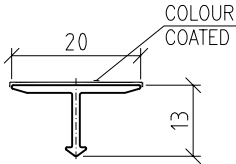
ITEM 3 | T052 | EPDM gasket



Material: EPDM

L = _____ PIECE _____
L = _____ PIECE _____

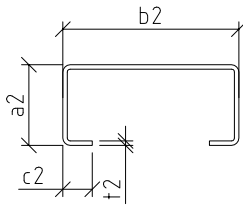
ITEM 4 | A023 | T profile decorative



Material: Alu

Colour _____
L = _____ PIECE _____
L = _____ PIECE _____

ITEM 6 | N178 | Supporting profile – HMP-B



Material: galvanised steel sheet

L = 4000 PIECE _____
L = _____ PIECE _____

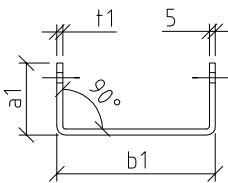
Profile typ	HMP-B 55	HMP-B 55	HMP-B 55
Load [kN/m²]	0 – 0,75	0,75 – 1,5	1,5 – 2,0
Material	DX51Z275		
a2	55	55	55
b2	100	140	180
c2	20	20	20
t2	2,0	2,0	3,0
Steel sheet width	234	274	306

Material: galvanised steel sheet

L = 4000 PIECE _____
L = _____ PIECE _____

Profile typ	HMP-B 35	HMP-B 35	HMP-B 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

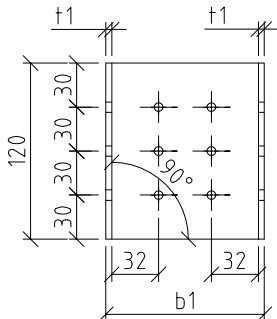
ITEM 8 | N181 | Load-bearing profile – HMP-A



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	260

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 ©

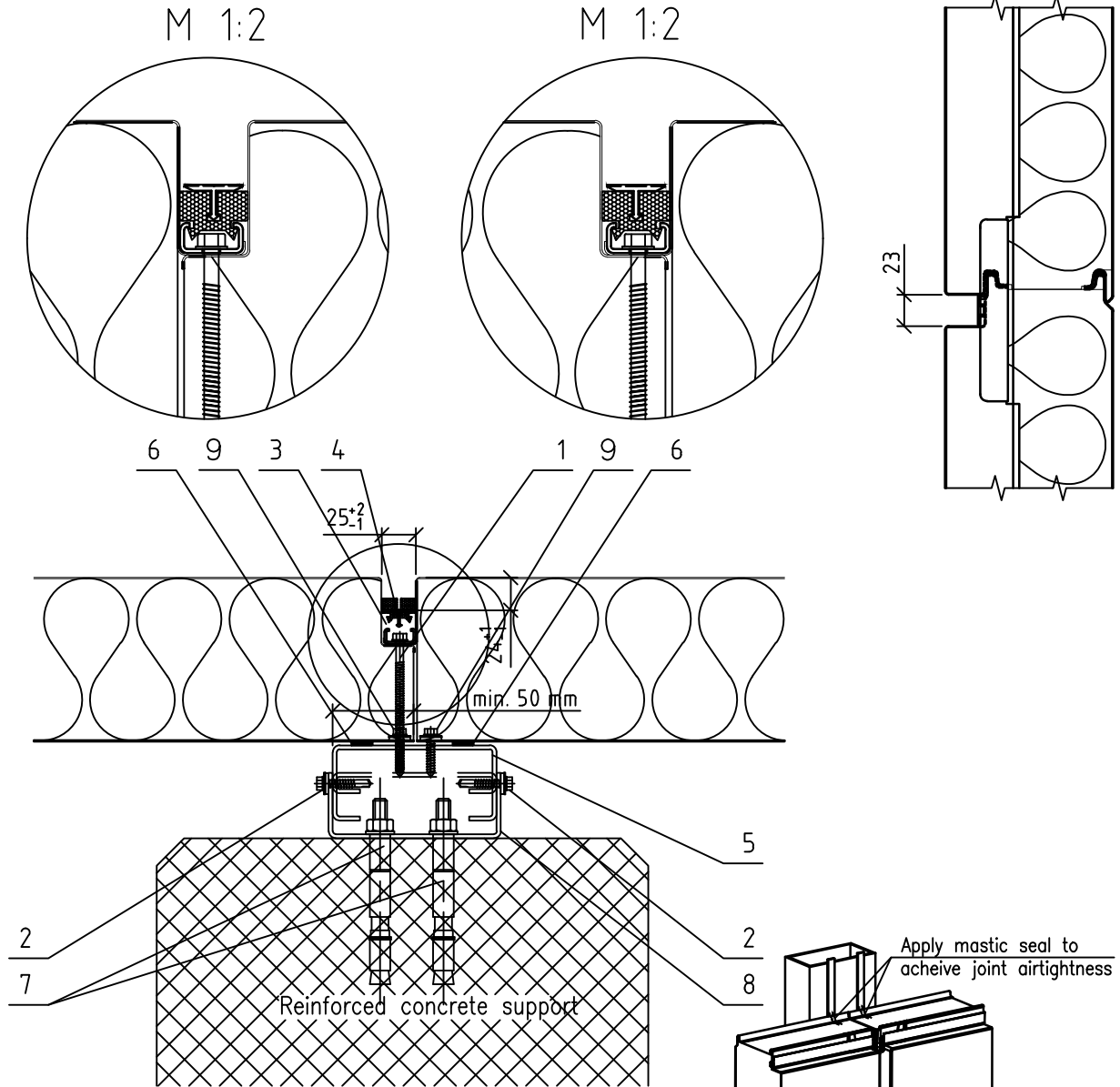
Ver: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Horizontal cut:

Cladding element vertical cross section:

Recommended direction of assembly
← Cladding elements from left to right

Recommended direction of assembly
→ Cladding elements from right to left



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

NOTE:

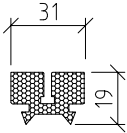
- Statistical assesment of the number of screws needed (pos. 2)
- Direction of assembly needs to be specified.
- Statical calculation for fixing screws quantity to be done
- It is necessary to use the shims according to trimo technical document no.63

Item	Code	Description
1	P021	Fixing screw ____x____
2	V001	Fixing Screw (min 4 PCS/m1 of joint)
3	T052	EPDM gasket
4	A023	T profile decorative
5	N178	Supporting profile – HMP-B
6	T060	Sealing tape 5x10 (2 m/m1 pos.4)
7	S001	Anchor bolt ____x____
8	N181	Load-bearing profile – HMP-A
9	V021	Fixing Screw

Subject of detail are only positioned elements!

All details are the property of Trimo©

ITEM 3 | T052 | EPDM gasket

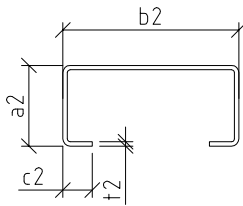


Material: EPDM
 L = _____ PIECE _____
 L = _____ PIECE _____

ITEM 4 | A023 | T profile decorative

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

ITEM 5 | N178 | Supporting profile – HMP-B



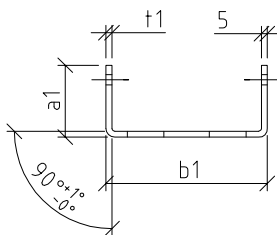
Material: galvanised steel sheet
 L = 4000 PIECE _____
 L = _____ PIECE _____

Profile typ	HMP-B 55	HMP-B 55	HMP-B 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 _____

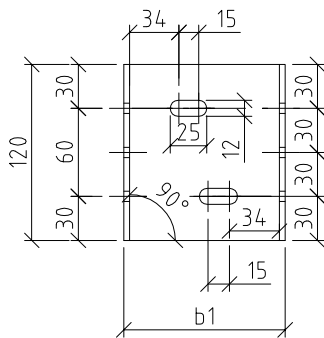
Profile typ	HMP-B 35	HMP-B 35	HMP-B 35
Load [kN/m²]	0 – 0,75	0,75 – 1,5	1,5 – 2,0
Material	DX51Z275		
a2	35	35	35
b2	100	140	180
c2	20	20	20
t2	2,0	4,0	6,0
Steel sheet width	194	218	242

ITEM 8 | 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

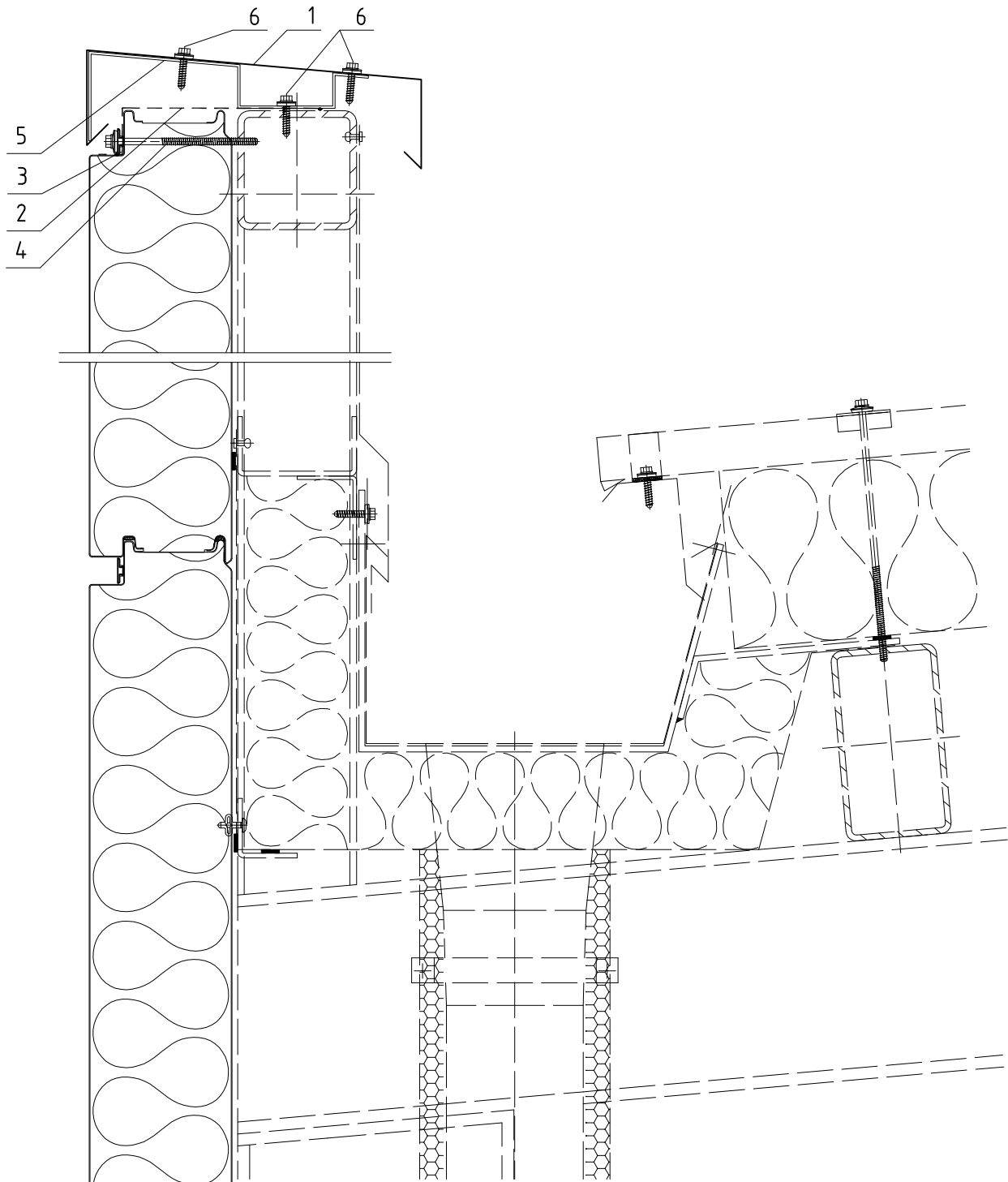
Material: galvanised steel sheet
 L=120 PIECE _____
 L=120 PIECE _____

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!



NOTE:

- Inner and outer sealing tape is prefabricated in each element!
- Statical calculation for fixing screws quantity to be done!

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

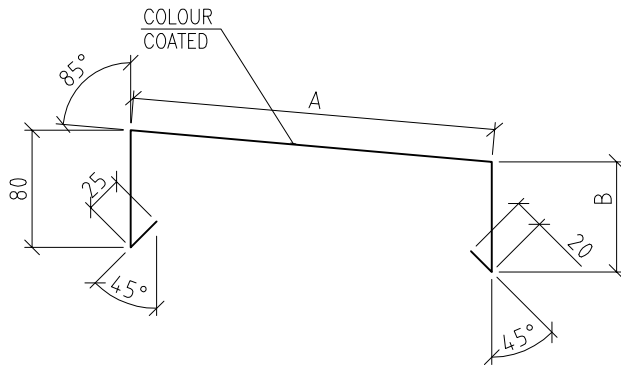
1	01073	Parapet cap
2	F040	EPDM foil – outer assembly
3	T055	EPDM foil glue
4	V026	Fixing Screw ____x____ (2 PCS/m)
5	N441	Parapet cap support profile
6	V006	Fixing Screw (4 PCS/m)

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 ©

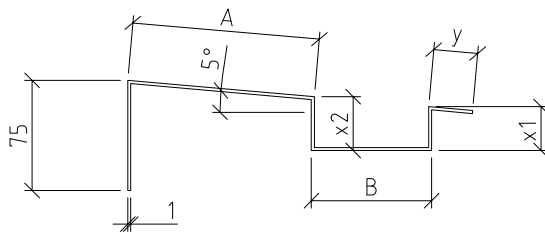
ITEM 1 | 01073 | Parapet cap



Material Fe metal sheet 0,7 mm
 Colour _____

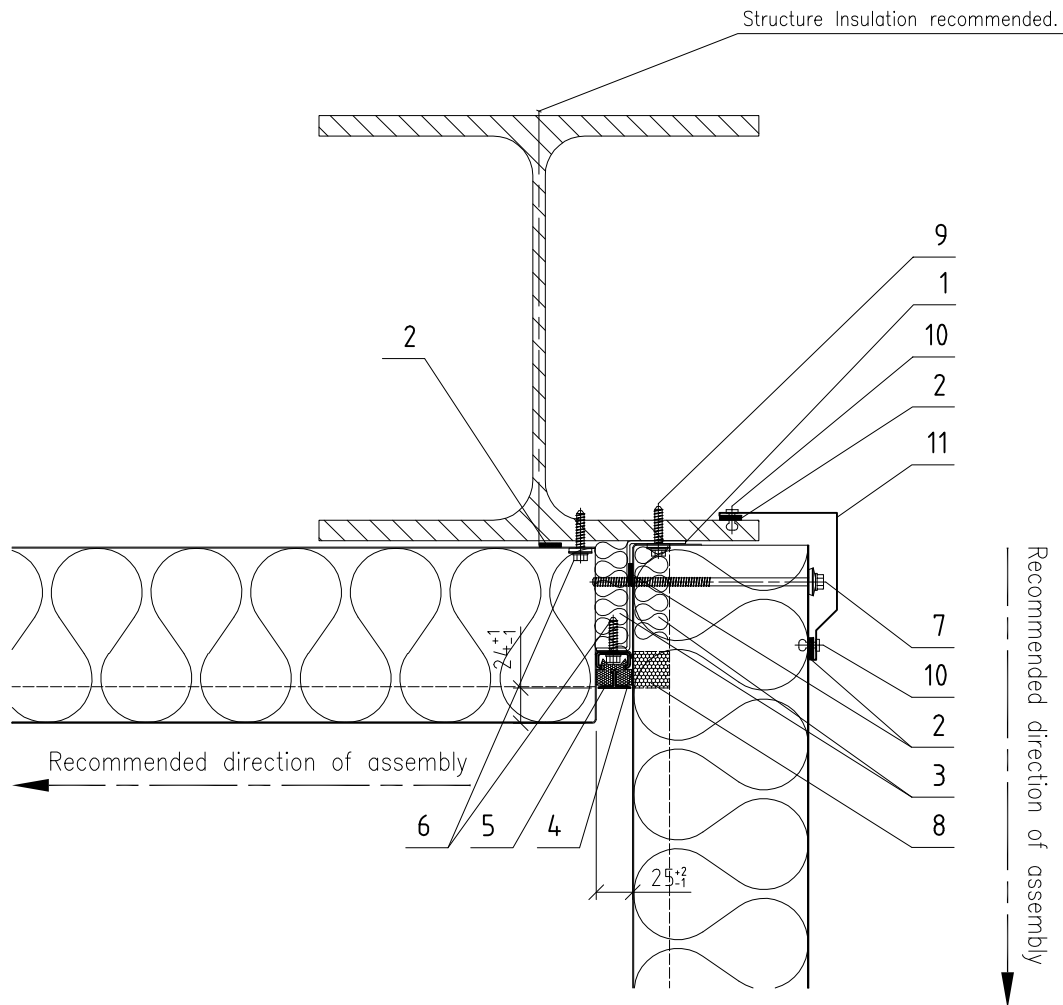
A	B	Steel sheet width	L	PIECE

ITEM 5 | N441 | Parapet cap support profile



Material Fe metal sheet 1 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								



NOTE:

- Z profile (Item 1) necessary when right side is assembled before Left one.
- Statical calculation for fixing screws quantity to be done!

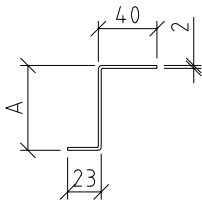
Item	Code	Description
1	N466	End Profile – Z (Optional)
2	T002	Sealing tape 5x10
3	W001	Insulation – MW
4	T052	EPDM gasket
5	A023	T profile decorative
6	V021	Fixing Screw ____x____ / Fixing Screw 6,3x25 for Z profile Item 1
7	V027	Fixing screw ____x____
8	T022	EPDM seal 26/26x30 + mastic seal
9	V021	Fixing screw
10	K002	Blind rivet 4x10
11	O644	Corner Flashing Inner

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 ©

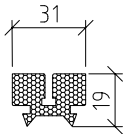
ITEM 1 | N466 | End profile – Cold Roled Z profile



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

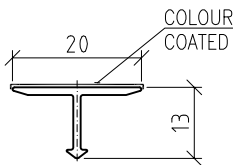
Thickness S	80	100	120	133	150	172	200	240
A	32	52	72	85	102	124	152	192
Steel sheet width	87	107	127	140	157	179	207	247

ITEM 4 | T052 | EPDM gasket



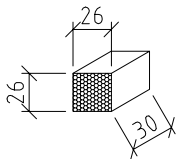
Material: EPDM
L = _____ PIECE _____
L = _____ PIECE _____

ITEM 5 | A023 | T profile decorative



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

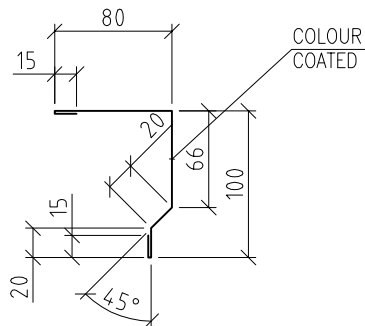
ITEM 8 | T022 | EPDM seal 26/26x30



NOTE:
To be inserted into cladding element joint!

Material: EPDM
PIECE _____
PIECE _____

ITEM 11 | O644 | Corner Flashing Inner



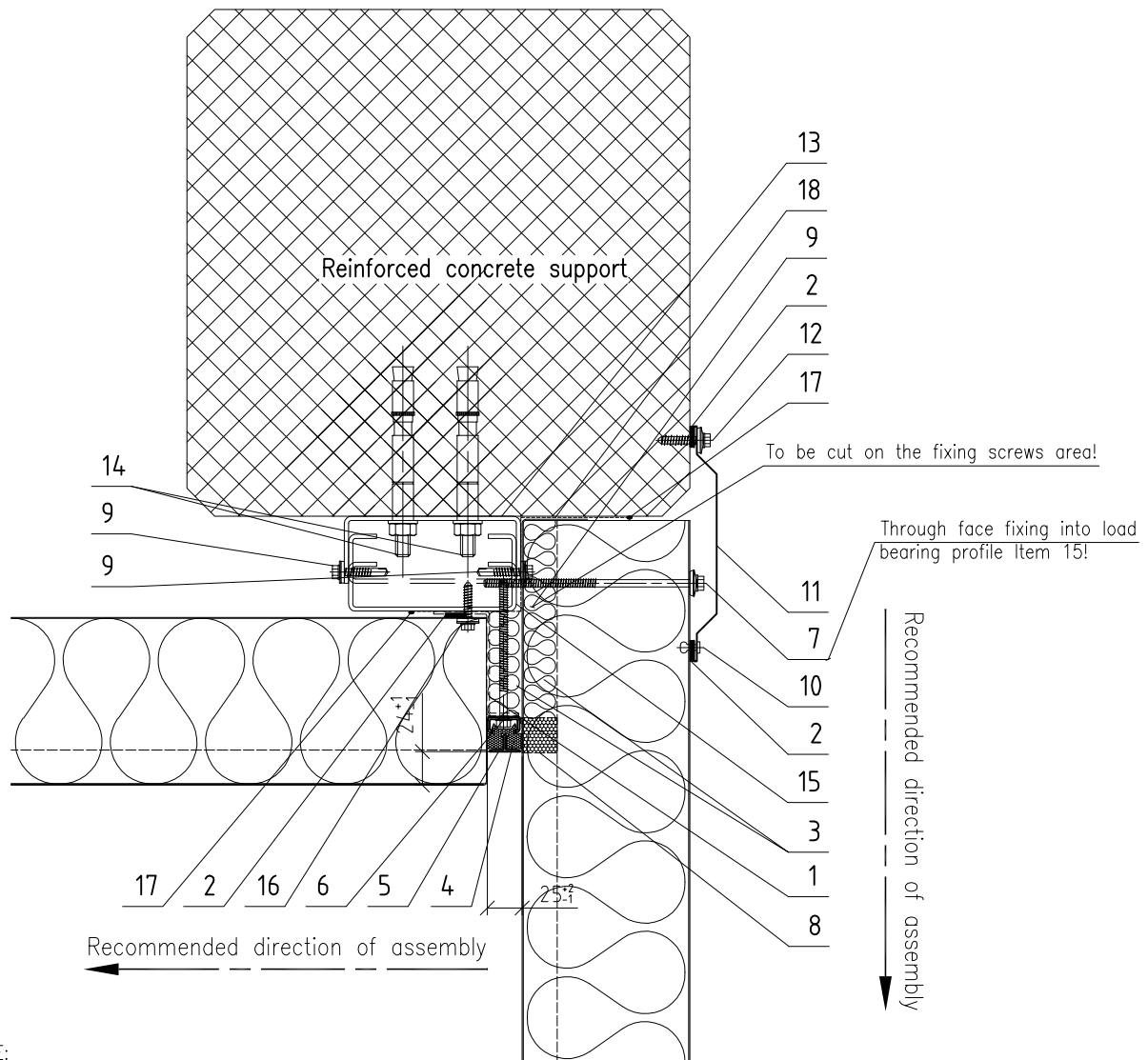
Material: galvanised steel sheet 0,6 mm
Colour _____
L = _____ PIECE _____
L = _____ PIECE _____

Steel sheet width ... 216

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:

- When fixing flashing by TI screws the instructions of the SFS screw producer are to be considered!
- For the drilling depth t=25mm use the \varnothing 5.0 drill; for t=35 mm use \varnothing 5.2 drill
- Statical calculation for fixing screws quantity to be done!
- Z profile necessary when Right side is assembled before Left one (check det AN6/2).
- It is necessary to use the shims according to trimo technical document no.63!

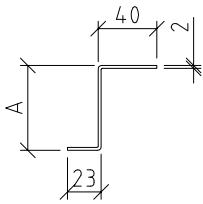
Item	Code	Description
1	N466	End Profile – Z (Optional)
2	T060	Sealing tape 5x10
3	W001	Insulation – MW
4	T052	EPDM gasket
5	A023	T profile decorative
6	P021	Fixing screw ___x___
7	V027	Fixing screw ___x___
8	T022	EPDM seal 26/26x30 + mastic seal
9	V001	Fixing Screw (min 4 PCS/m1 of joint)
10	K002	Blind rivet 4x10
11	O646	Flashing
12	V045	Fixing Screw TI 6,3x32
13	N181	Load-bearing profile – HMP-A
14	S001	Anchor bolt ___x___
15	N178	Supporting profile – HMP-B
16	V021	Fixing screw
17	T055	EPDM foil glue
18	T054	EPDM foil – outer assembly

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 | N466 | End profile – Cold Roled Z profile

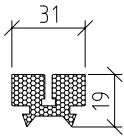


Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = _____ PIECE _____
L = _____ PIECE _____

Thickness S	80	100	120	133	150	172	200	240
A	32	52	72	85	102	124	152	192
Steel sheet width	87	107	127	140	157	179	207	247

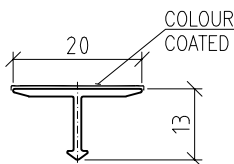
ITEM 4 | T052 | EPDM gasket



Material: EPDM

L = _____ PIECE _____
L = _____ PIECE _____

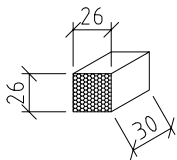
ITEM 5 | A023 | T profile decorative



Material: Alu

Colour _____
L = _____ PIECE _____
L = _____ PIECE _____

ITEM 8 | T022 | EPDM seal 26/26x30



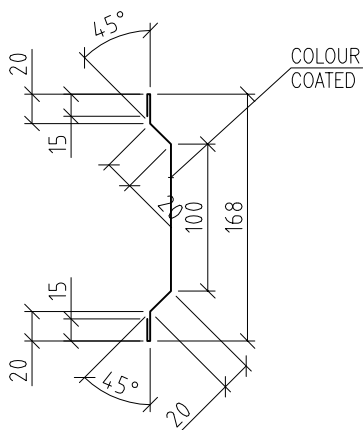
NOTE:

To be inserted into cladding element joint!

Material: EPDM

PIECE _____
PIECE _____

ITEM 11 | O646 | Flashing



Material: galvanised steel sheet 0,6 mm

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

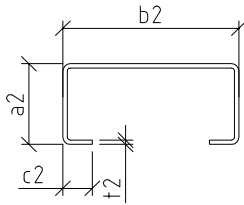
Steel sheet width ... 210

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 15 | N178 | Supporting profile – HMP-B



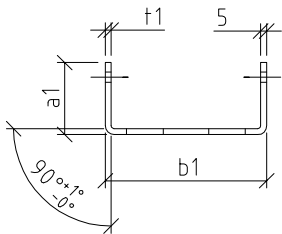
Material: galvanised steel sheet
 L = 4000 PIECE _____
 L = _____ PIECE _____

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 _____

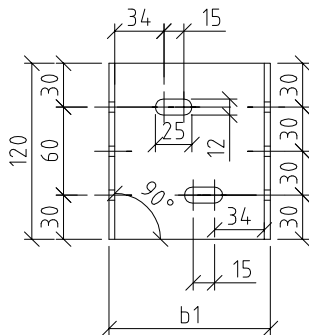
Profile typ	HMP-Bp0/35	HMP-Bp0/35	HMP-Bp0/35
Load [kN/m2]	0 – 0,75	0,75 – 1,5	1,5 – 2,0
Material	DX51Z275		
a2	35	35	35
b2	100	140	180
c2	20	20	20
t2	2,0	4,0	6,0
Steel sheet width	194	218	242

| ITEM 15 | 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

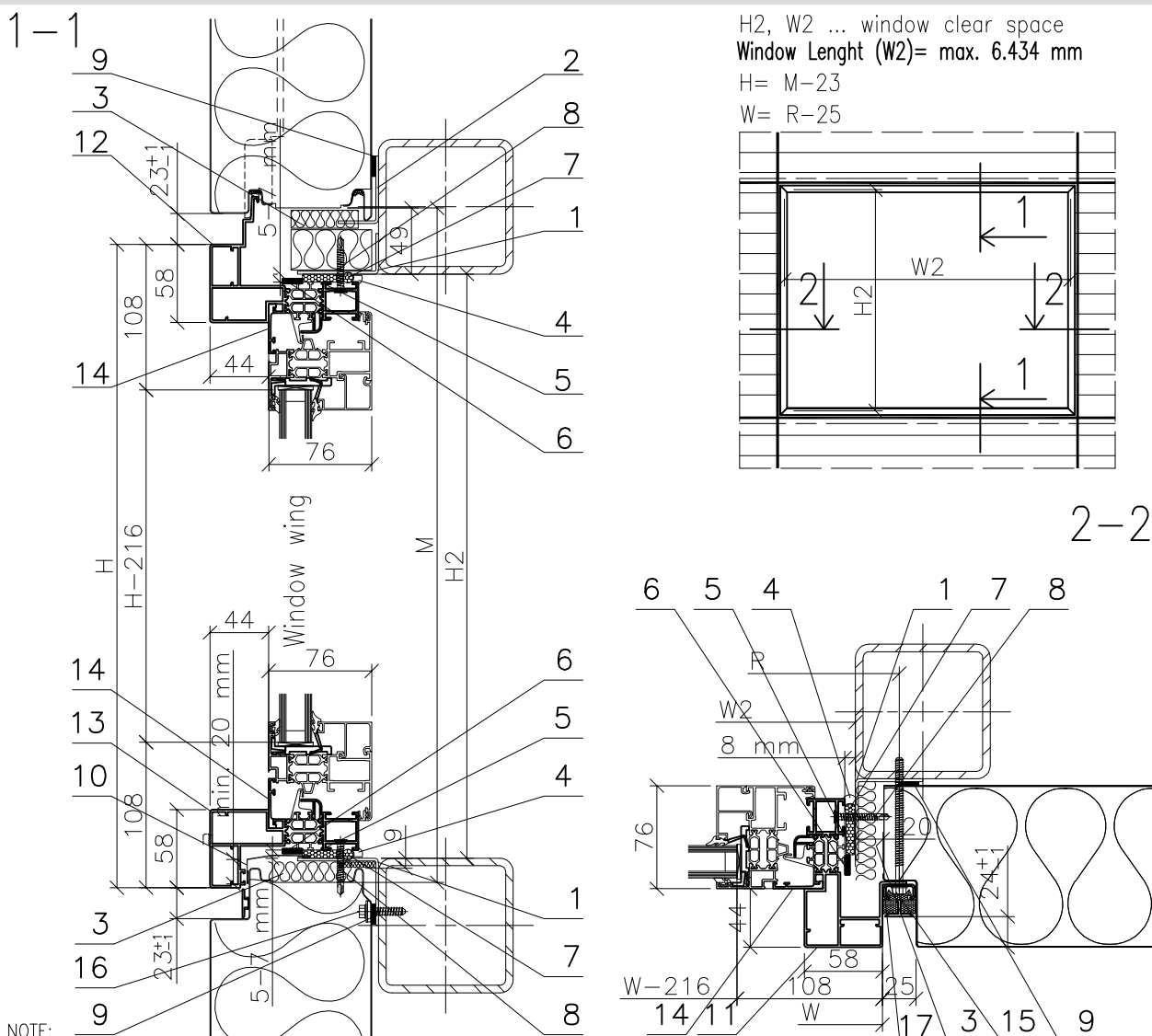


Material: galvanised steel sheet
 L=120 PIECE _____
 L=120 PIECE _____

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



- 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 glued 50 mm upward on the edges.
- When Window frame longer than 6,5 m dilatation element is necessary (see detail AN009/4,5,6).
- 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..

Item Code Description

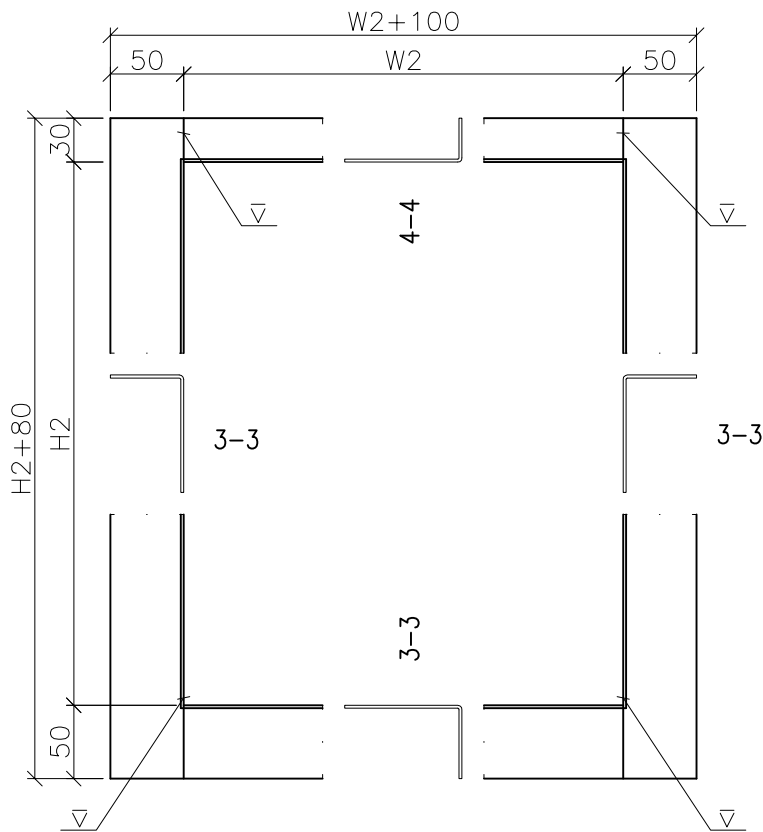
1	N062	Support frame
2	N177	Cladding element holder
3	W001	Insulation – MW
4	T006	Mastic sealant
5	W025	Insulation foam
6	T016	Sealing tape 2/10x15
7	T057	Sealing Taperounded PE ø10
8	V135	Fixing screw 5,5x38
9	T060	Sealing tape 5x10
10	T062	Butyl tape on the aluminium foil 1x100 mm
11	A028	Window Frame–cross joint–HF21
12	A029	Window Frame–upper–HF16
13	A030	Window Frame–bottom–HF17
14	A031	Outer glass fixing element–HF22
15	P021	Fixing screw ____x____ (Without washer)
16	V021	Fixing screw (1pcs/m)
17	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©

ITEM 1 | N062 | Support frame

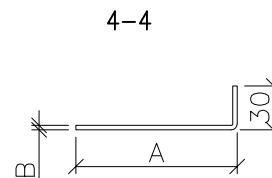
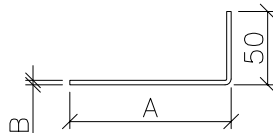


NOTE:

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

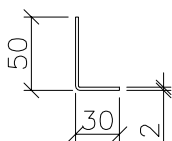
Material Fe metal sheet B
zinc – coated metal sheet

(3-3) L = H2+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	1.5	1.5	1.5	2	2	2	2	2
Steel sheet width(3-3)	67	87	107	119	136	158	186	226
Steel sheet width(4-4)	47	67	87	99	116	138	166	206

ITEM 2 | N177 | Cladding element holder



Material Fe metal sheet 2 mm
zinc – coated metal sheet

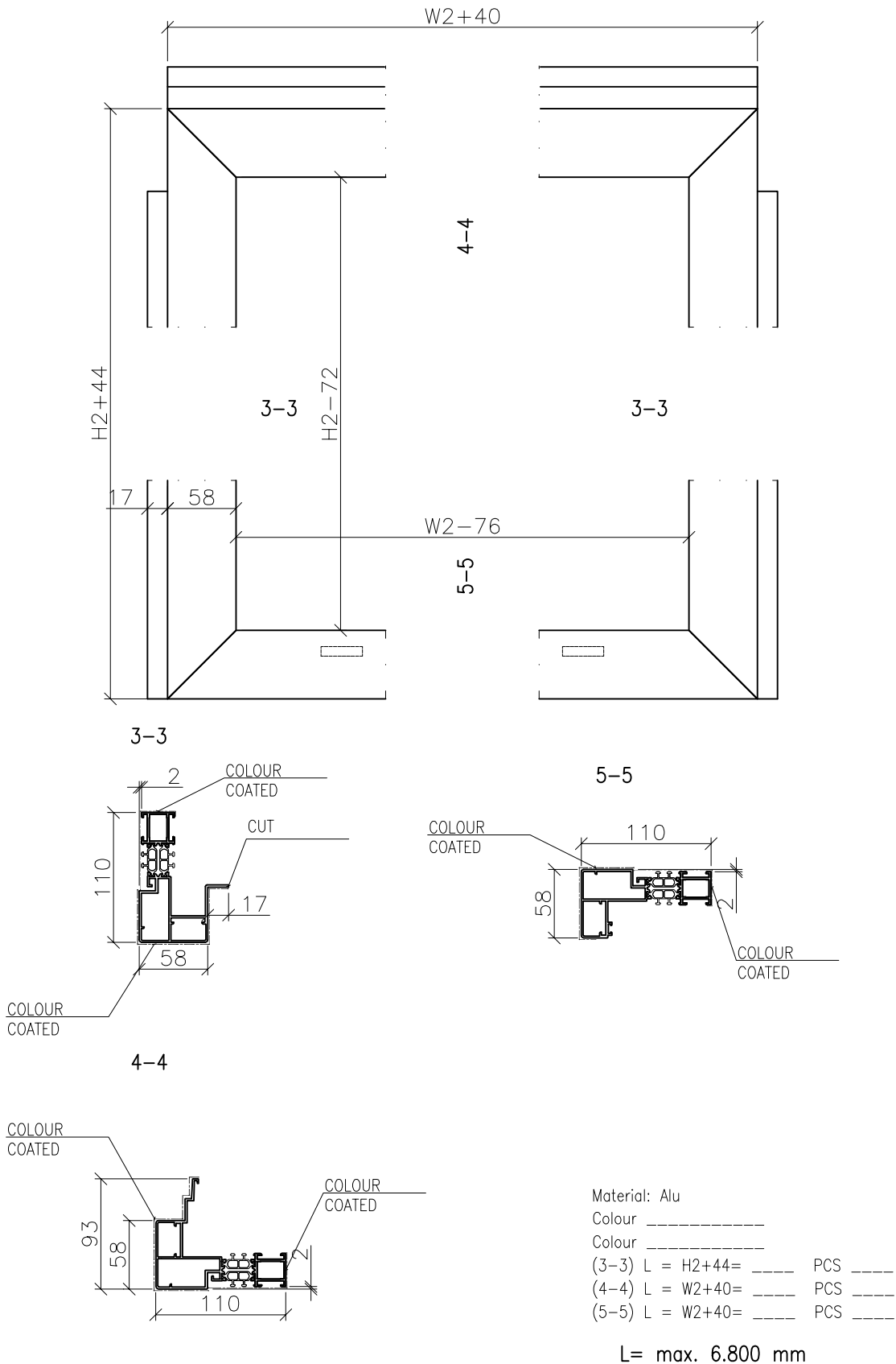
L = _____ PCS _____
 L = _____ PCS _____ Steel sheet width ... 76

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 11 | A028 | Window Frame–cross joint–HF21(3–3)
- | ITEM 12 | A029 | Window Frame–upper–HF16 (4–4)
- | ITEM 13 | A030 | Window Frame–bottom–HF17 (5–5)

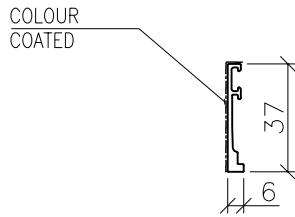


Subject of detail are only positioned elements!

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 14 | A031 | Outer glass fixing element–HF22



Material: Alu

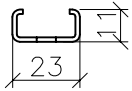
Colour _____

L = _____ PCS _____

L = _____ PCS _____

L = _____ PCS _____

| ITEM 17 | N637 | Load bearing U shaped washer

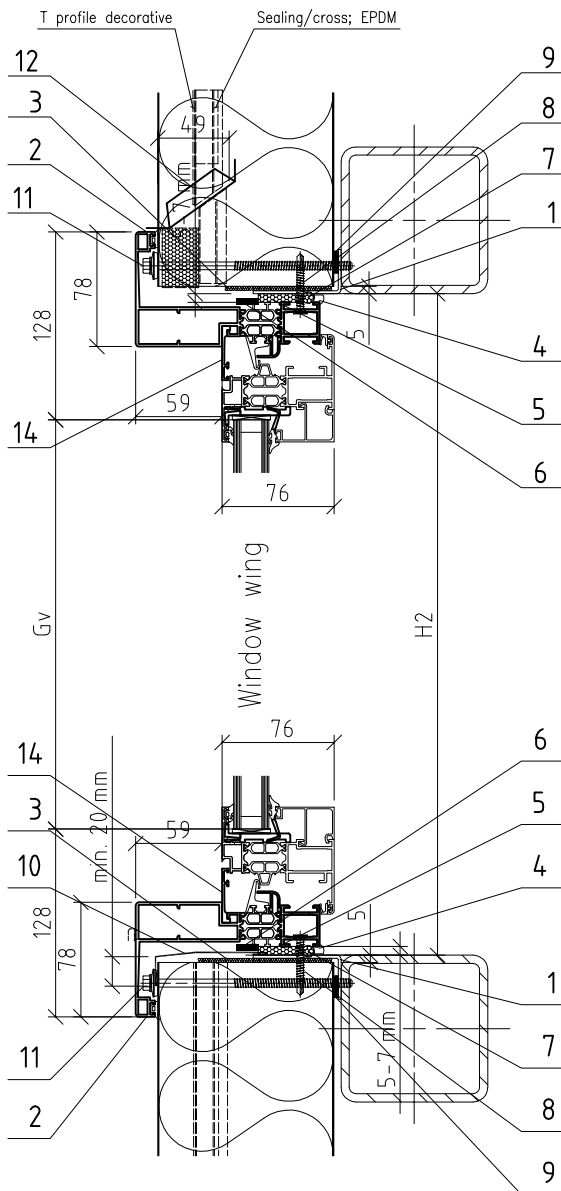


Material Fe metal sheet 1,5 mm

zinc – coated metal sheet

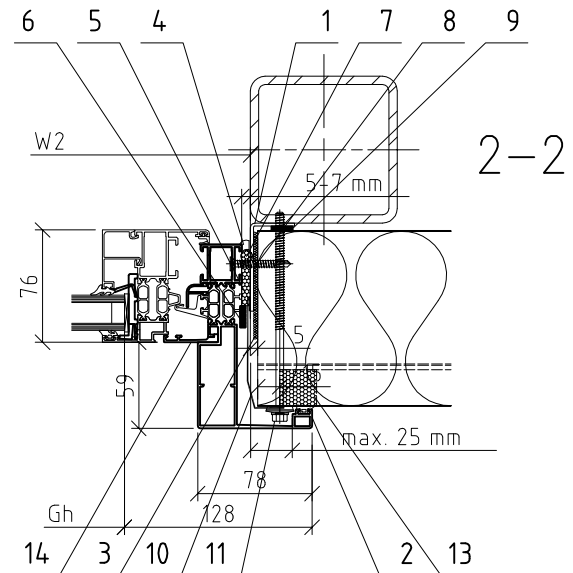
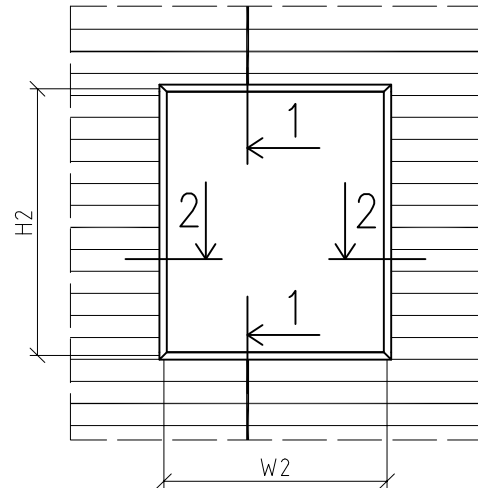
L = 150 mm PIECE _____

L = 150 mm PIECE _____



1-1

Gv, Gh ... dimension glass
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 (Item 10) to be glued 50 mm upward on the edges.
- When Window frame longer than 6,5 m dilatation element is necessary (see detail AN008/4,5,6)
- 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.

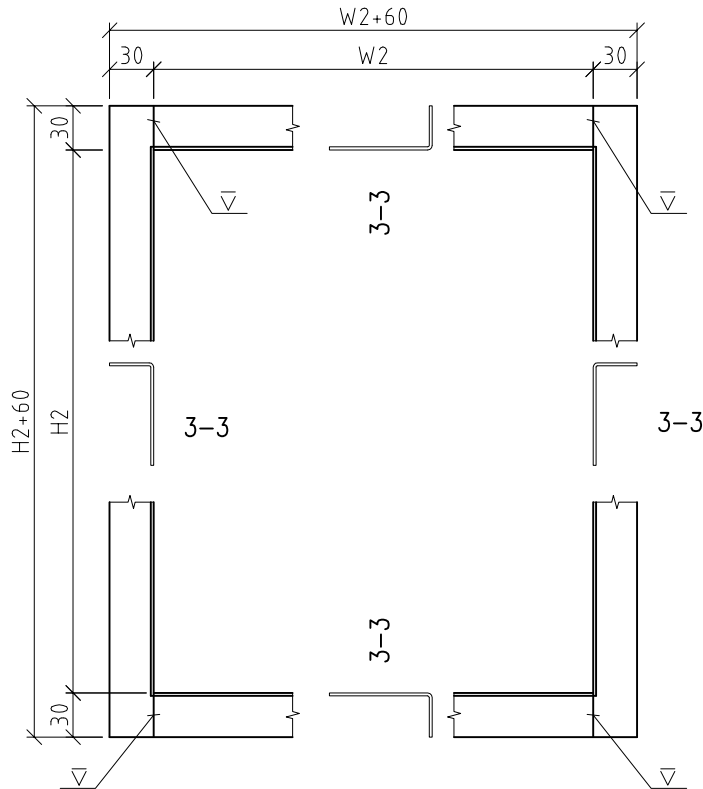
Item	Code	Description
1	N168	Support frame
2	A025	Window frame-Side-HF20
3	W001	Insulation - MW
4	T006	Mastic seal
5	W025	Insulation foam
6	T016	Sealing tape 2/10X15
7	T057	Sealing Taperounded PE ø10
8	V135	Fixing Screw 5,5x38
9	T060	Sealing tape 5x10
10	T062	Butyl tape on the aluminium foil 1x100 mm
11	V027	Fixing screw ____x____
12	O655	Drip edge of the EPDM seal above the window
13	T022	EPDM seal 26/26x30
14	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.

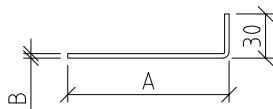
Material Fe metal sheet B

zinc - coated metal sheet

(3-3) L = H2+60= _____ PCS _____

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

3-3

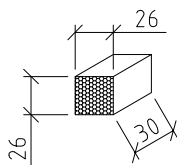


Thickness S	80	100	120	133	150	172	200	240
A	20	40	60	73	90	112	140	180
B	1.5	1.5	1.5	2	2	2	2	2
Steel sheet width(3-3)	47	67	87	99	116	138	166	206

ITEM 13 | T022 | EPDM seal 26/26x30

NOTE:

- To be inserted into joint when window is higher than cladding element width!



Material: EPDM

PIECE _____

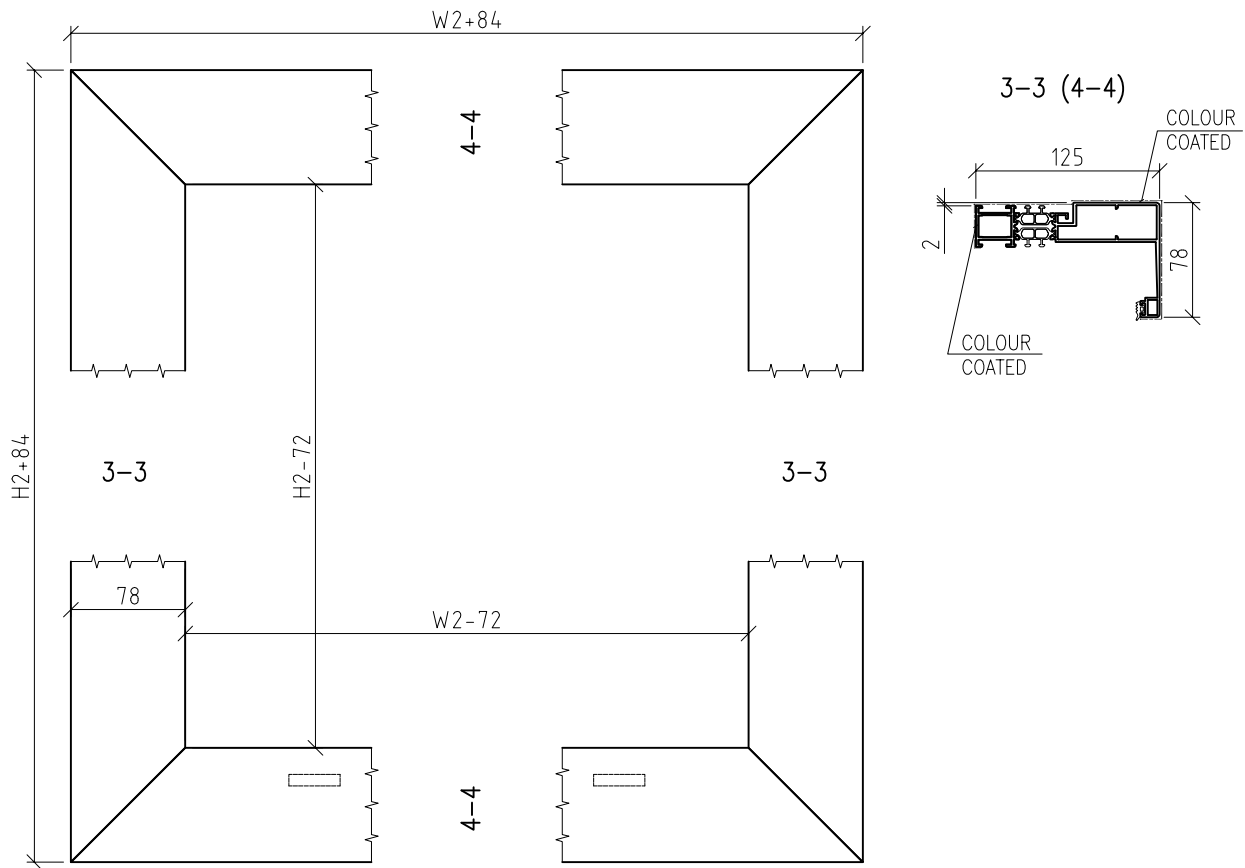
PIECE _____

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 _____

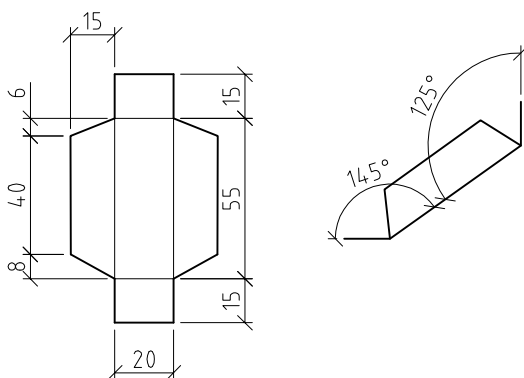
Colour _____

(3-3) L = $H2+84$ = _____ PCS _____

(4-4) L = $W2+84$ = _____ PCS _____

L = max. 6.800 mm

ITEM 12 | 0655 | Drip edge of the EPDM seal above the window



Material: stainless steel 0,6 mm

PIECE _____

PIECE _____

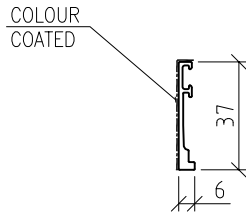
Steel sheet width ... 50x85

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 14 | A031 | Outer glass fixing element–HF22



Material: Alu

Colour _____

L = _____ PCS _____

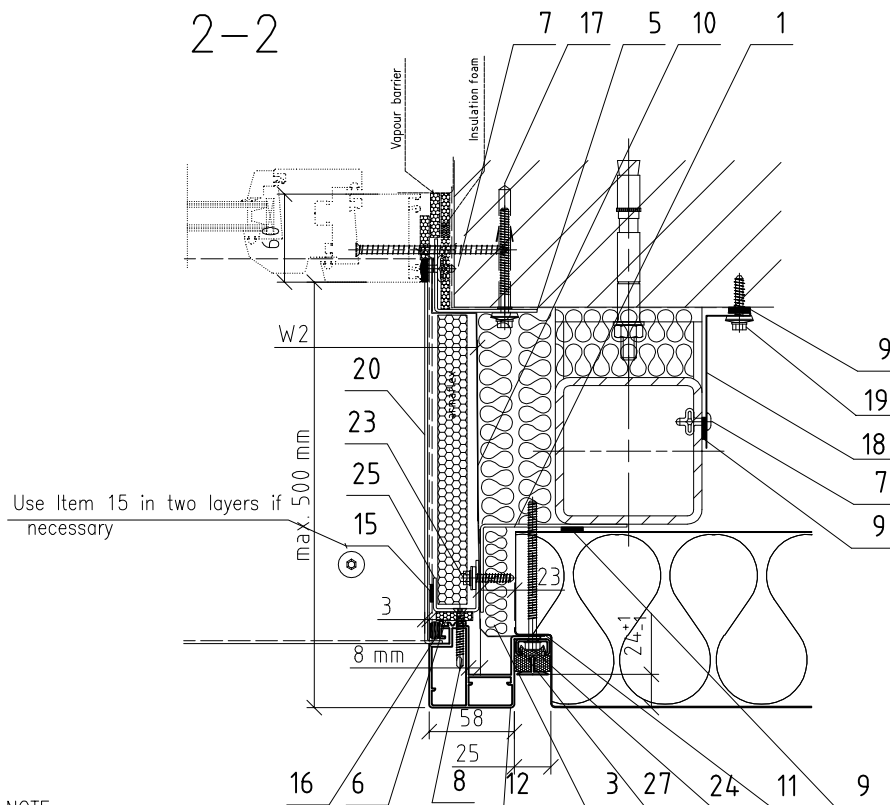
L = _____ PCS _____

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.
- Window frame and flashing to be assembled together with cladding elements, to assure tightness and insulation insertion.
- Window shelves and Al frames longer than 4 m must be dilitated.
- For screwing depth t=25 mm driller \varnothing 5,0 to be used; in case of t=35 mm (item 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

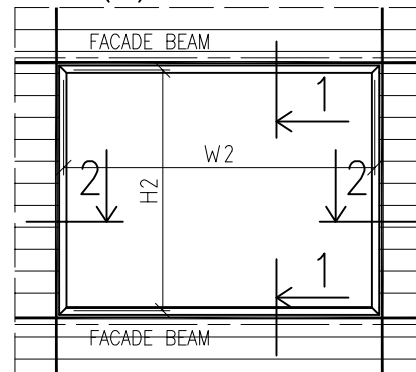
1	N494	Support frame
2	N435	Cladding element holder
3	W001	Insulation – MW
4	T006	Mastic sealant
5	N149	Fixing/leveling profile
6	T003	Sealing tape EPDM 6x25
7	K014	Bulb tite rivet 5.2x19.1 (min. 3 pcs/m)
8	V135	Fixing screw 5,5x38
9	T060	Sealing tape 5x10
10	F040	EPDM foil – outer assembly
11	T055	EPDM foil glue
12	A047	Window Frame–cross joint–HF29
13	A048	Window Frame–upper–HF24
14	A049	Window Frame–bottom–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	N573	C profile
26	N573	C profile (2 pcs/m)
27	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!

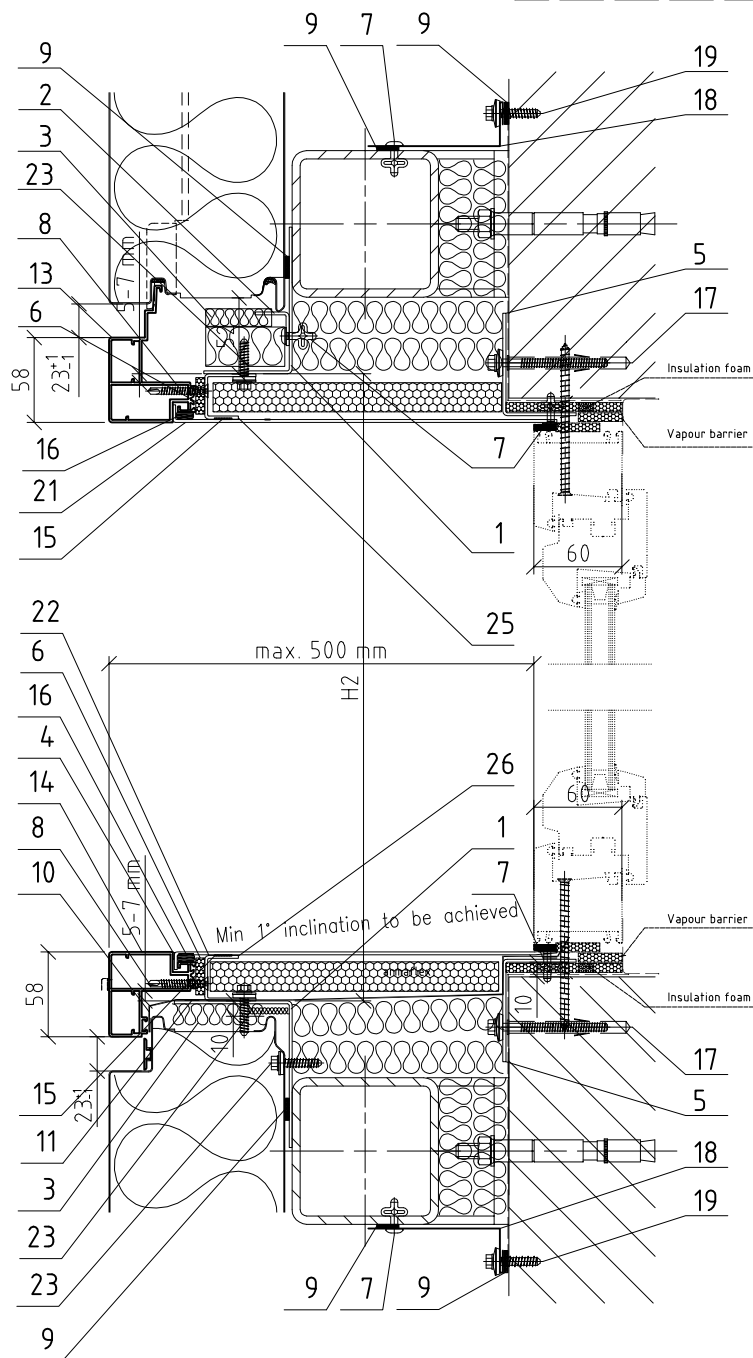
Subject of detail are only positioned elements!

All details are the property of Trimo ©

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



1-1

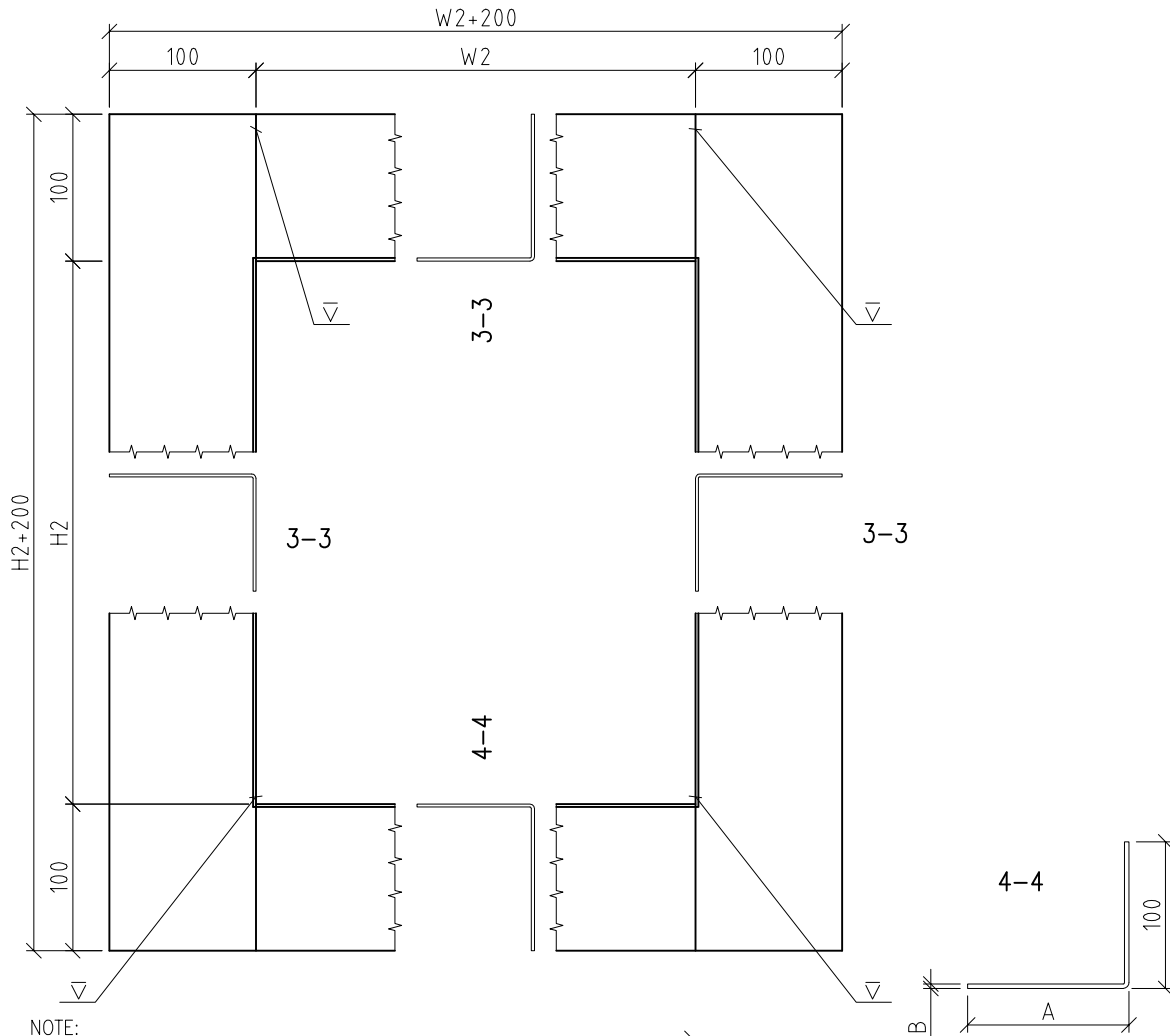


Ver.: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in detail!

Subject of detail are only positioned elements!

All details are the property of Trimo ©

ITEM 1 | N494 | Support frame

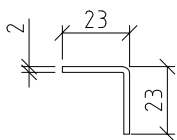


NOTE:
- The weld seam should be protected using a zinc - based paint.

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

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

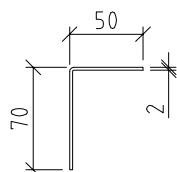
ITEM 2 | N435 | Cladding element holder



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 _____

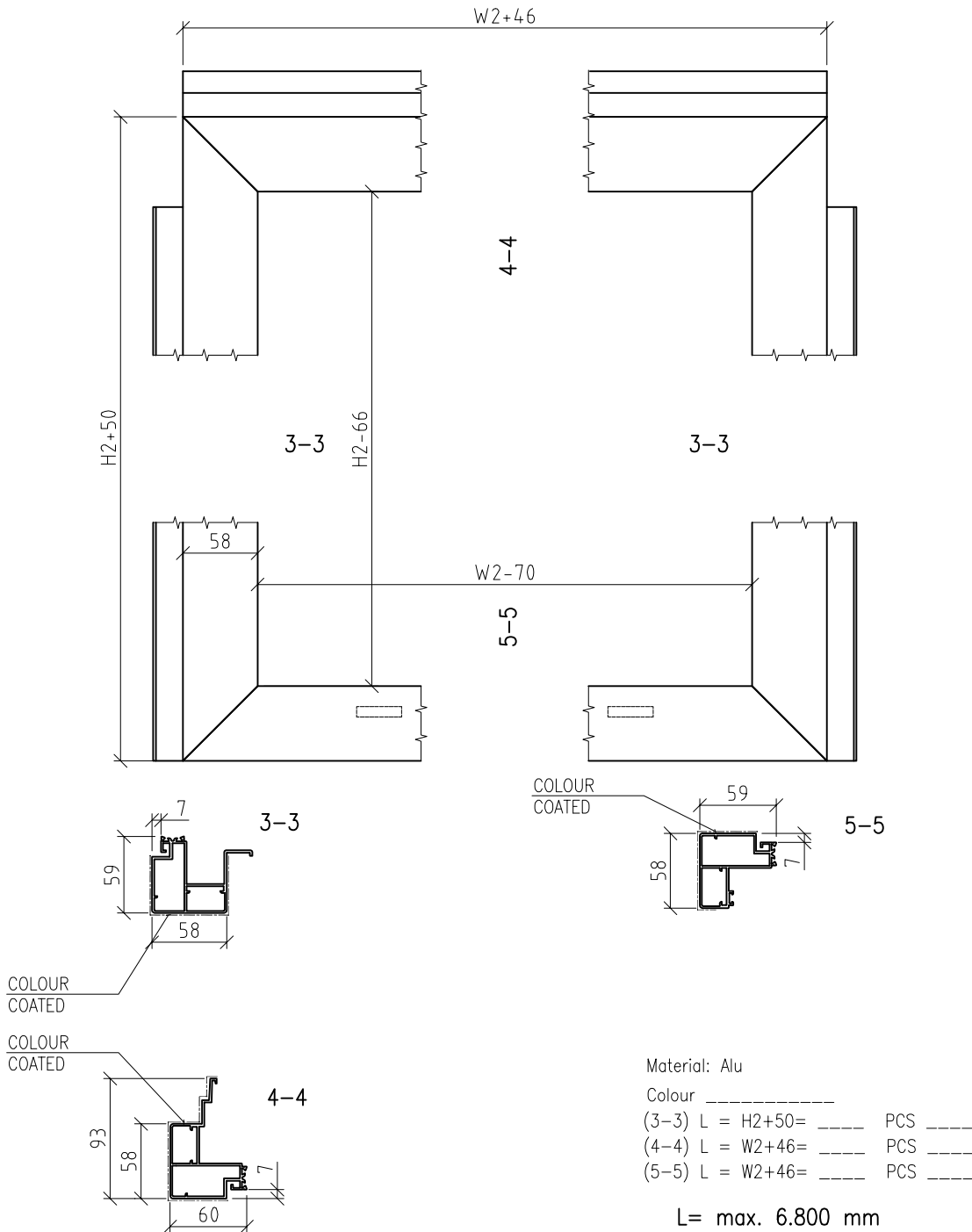
Steel sheet width ... 116

Subject of detail are only positioned elements!

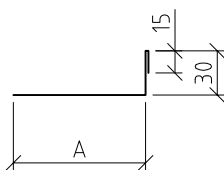
All details are the property of Trimo ©

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–cross joint–HF29(3–3)
- | ITEM 13 | A048 | Window Frame–upper–HF24 (4–4)
- | ITEM 14 | A049 | Window Frame–bottom–HF25 (5–5)



- | ITEM 18 | 01101 | Insulation Flashing



Material: galvanised steel sheet 0,6 mm

L = _____ PIECE _____
 L = _____ PIECE _____

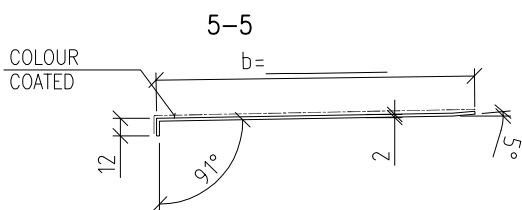
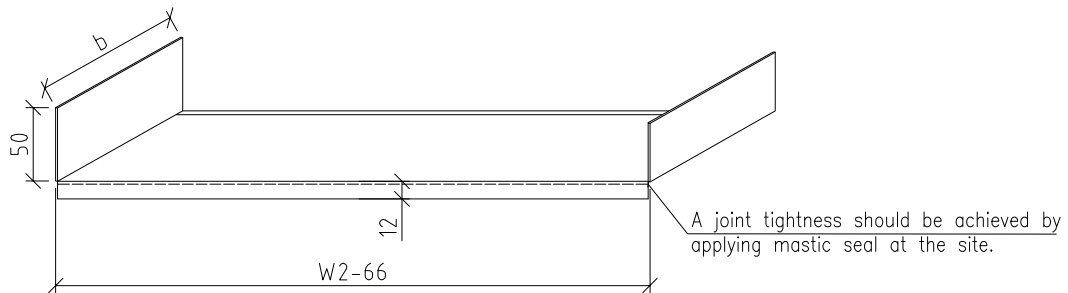
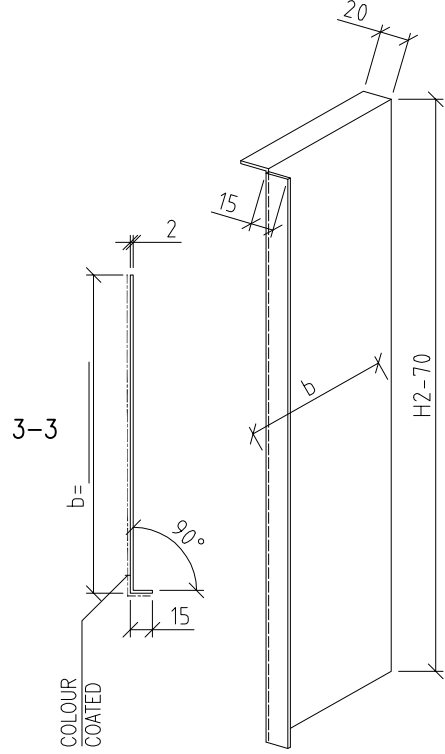
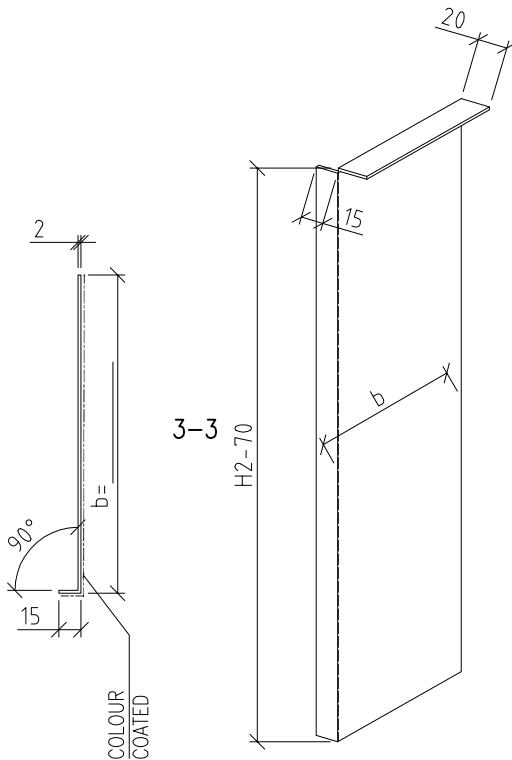
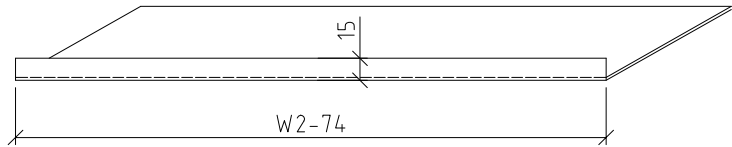
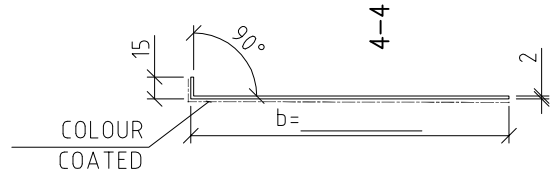
Steel sheet width ... A + 45 mm

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 -----

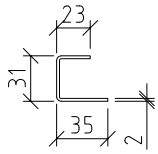
Shelve Length= max. 4.000 mm

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 | N573 | C profile

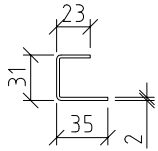


Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

| ITEM 26 | N573 | C profile

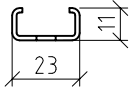


Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = 200 mm PCS _____

L = 200 mm PCS _____

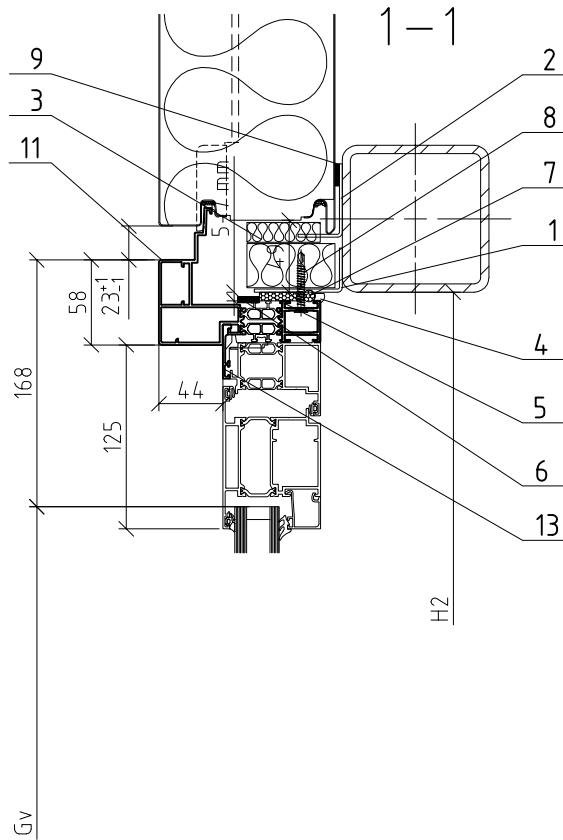
| ITEM 27 | N637 | Load bearing U shaped washer



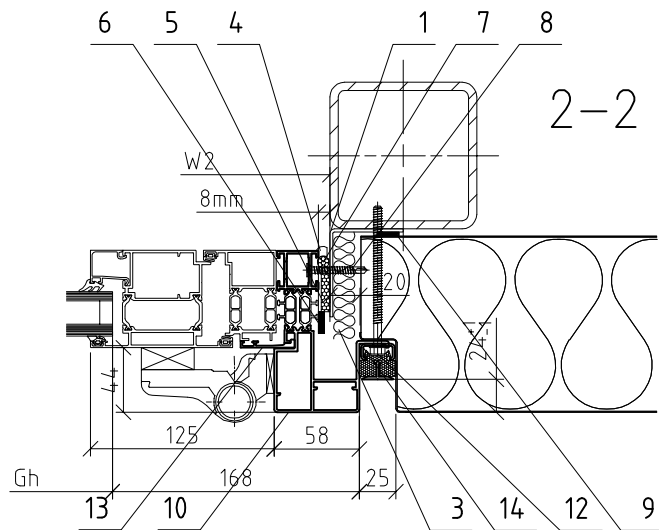
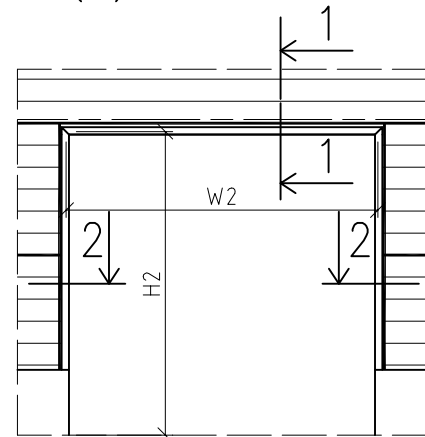
Material Fe metal sheet 1,5 mm
zinc – coated metal sheet

L = 150 mm PIECE _____

L = 150 mm PIECE _____



H2, W2 ... window clear space
 H2, W2 ... clear door opening
 $L_{door}(W2) = \max. 6.434 \text{ mm}$



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.
- When Window frame longer than 6,5 m dilatation element is necessary (see detail AN009/4,5,6).
- 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.

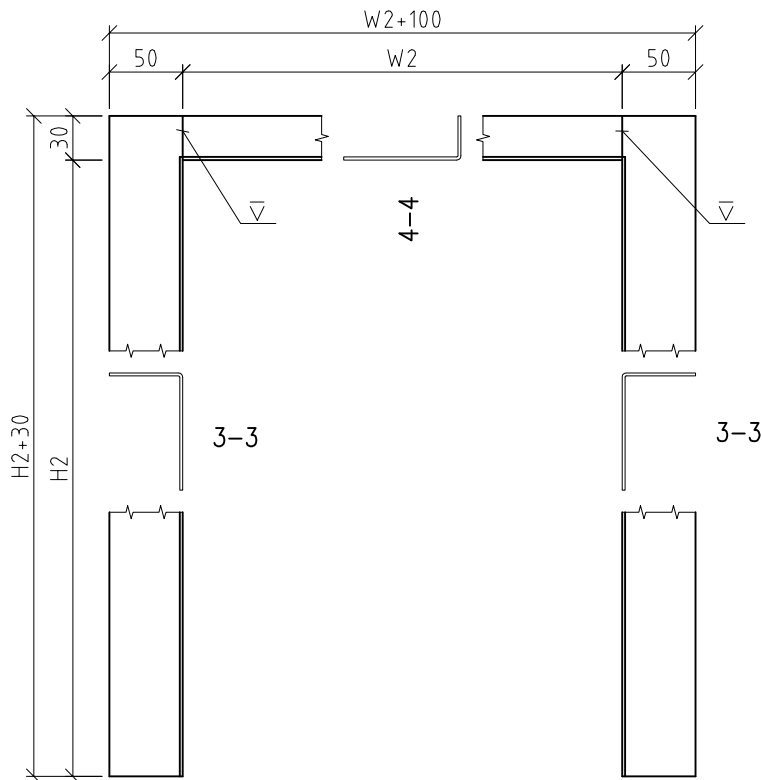
Item	Code	Description
1	N062	Support frame
2	N177	Cladding element holder
3	W001	Insulation – MW
4	T006	Mastic sealant
5	W025	Insulation foam
6	T016	Sealing tape 20x2/10
7	T057	Sealing Taperounded PE $\phi 10$
8	V135	Fixing screw 5,5x38
9	T060	Sealing tape 5x10
10	A028	Door Frame–cross joint–HF21
11	A029	Door Frame–Upper–HF16
12	P021	Fixing screw ____x____
13	A031	Outer glass fixing element–HF22
14	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 ©

ITEM 1 | N062 | Support frame



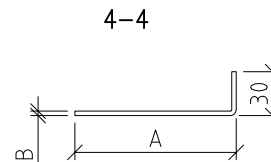
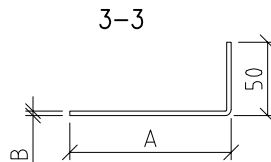
NOTE:

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

Material Fe metal sheet B
zinc – coated metal sheet

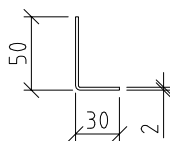
(3-3) L = H2+30= _____ PCS _____

(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	1.5	1.5	1.5	2	2	2	2	2
Steel sheet width(3-3)	67	87	107	119	136	158	186	226
Steel sheet width(4-4)	47	67	87	99	116	138	166	206

ITEM 2 | N177 | Cladding element holder



Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

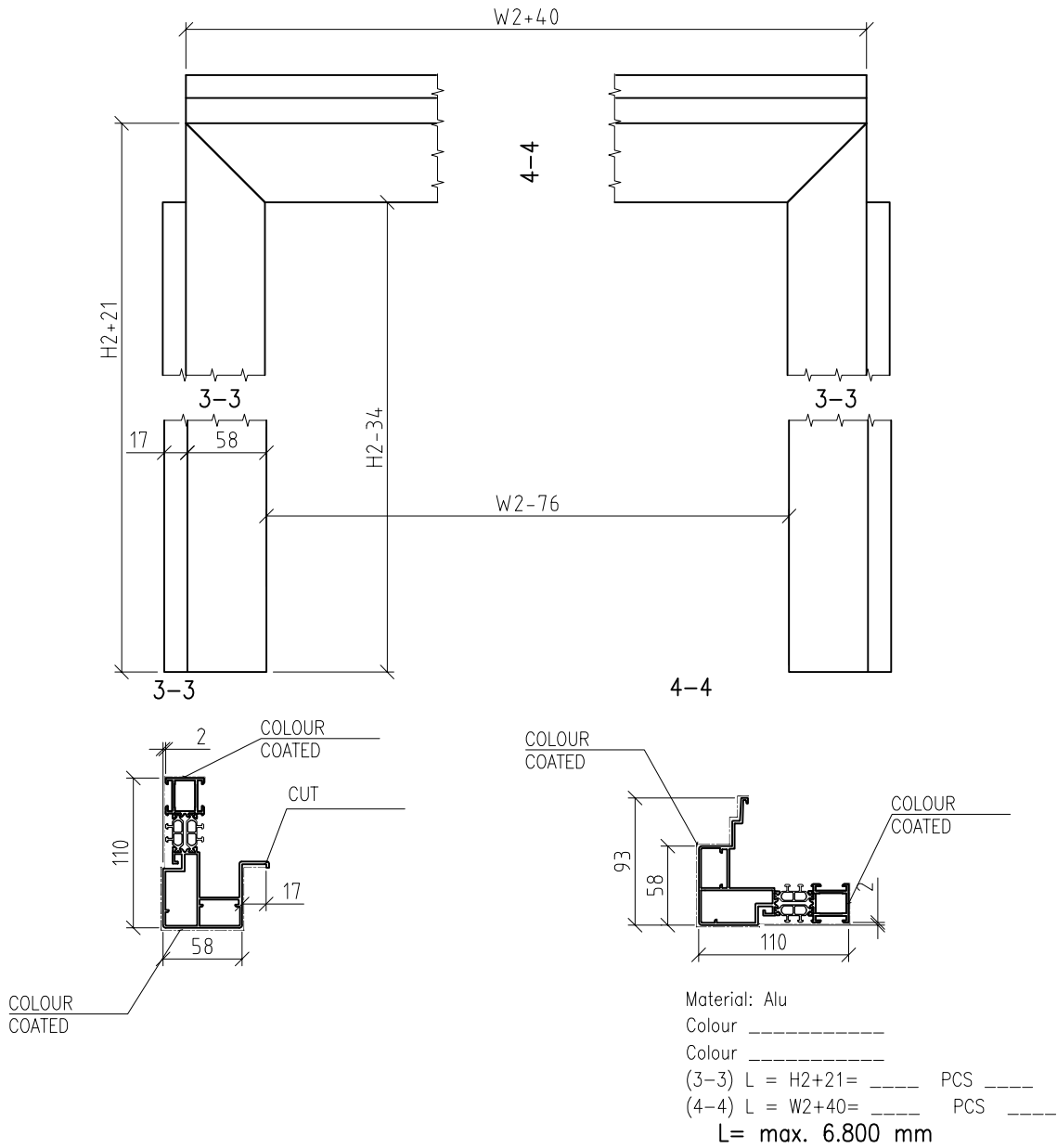
Steel sheet width ... 76

Subject of detail are only positioned elements!

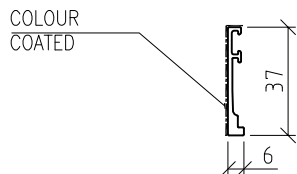
All details are the property of Trimo ©

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

- | ITEM 10 | A028 | Door Frame–Cross joint–HF21 (3–3)
- | ITEM 11 | A029 | Door Frame–Upper–HF16 (4–4)

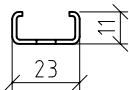


- | ITEM 13 | A031 | Outer glass fixing element–HF22



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

- | ITEM 14 | N637 | Load bearing U shaped washer

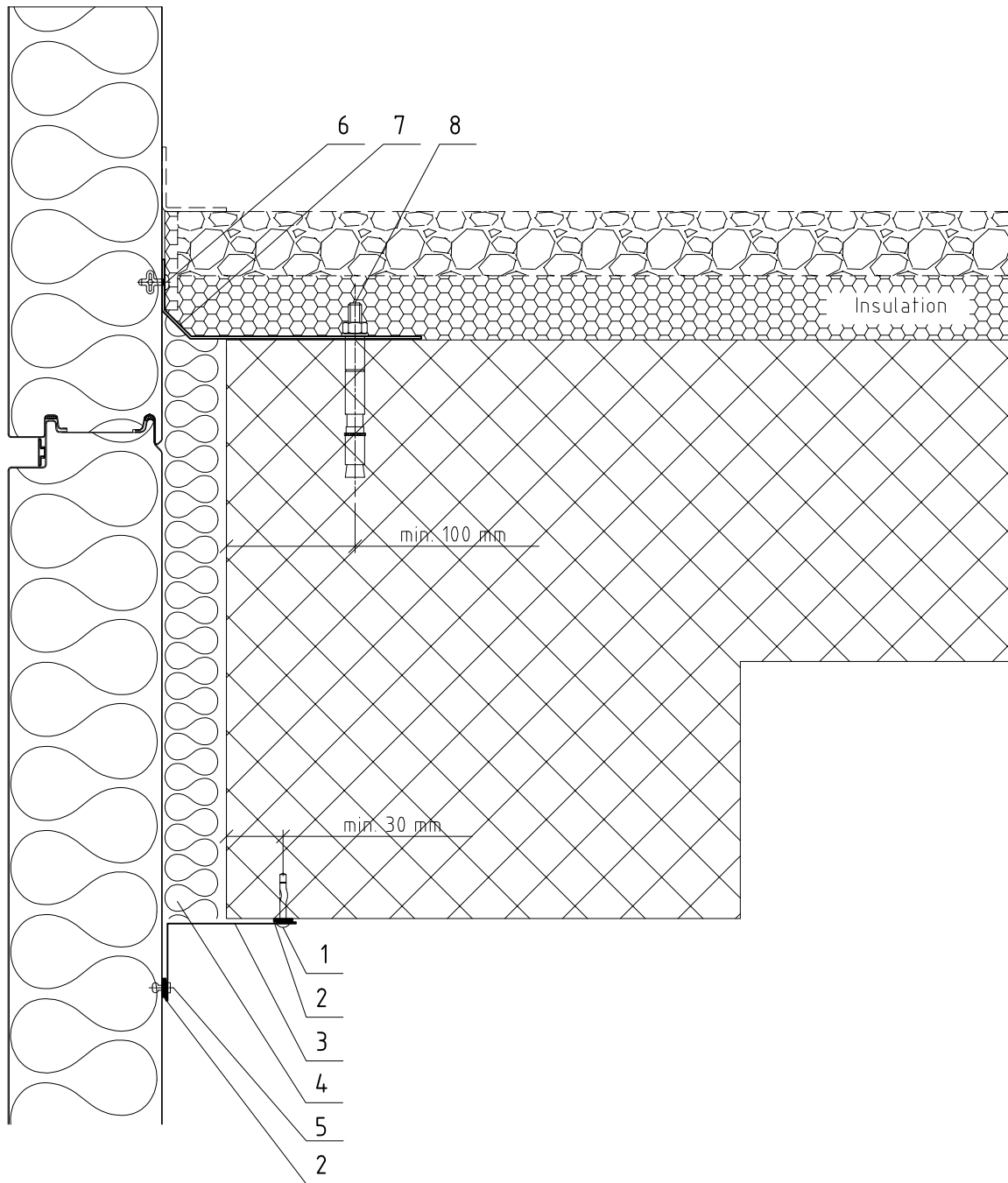


Material Fe metal sheet 1,5 mm
 zinc – coated metal sheet
 L = 150 mm PIECE _____
 L = 150 mm PIECE _____

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:

– Statical Calculation to be made for items 6 and 8.

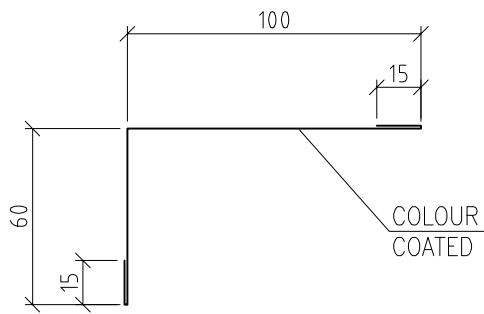
Item	Code	Description
1	S023	SPIKE anchor
2	T060	Sealing tape 5x10
3	O1077	Flashing element – cover to concrete wall
4	W001	Insulation – MW
5	K002	Blind Rivet 4x10 (2 PCS/m)
6	K014	Bulb tite rivet 5.2x19.1 (statical calculation)
7	N445	Fixing profile
8	S001	Anchor bolt ____x____ (min. 1 pcs/m)

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 3 | 01077 | Flashing element – cover to concrete wall



Material: galvanised steel sheet 0,6 mm

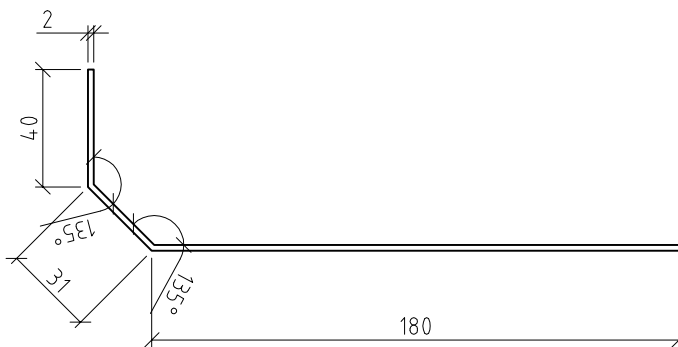
Colour _____

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 ... 244

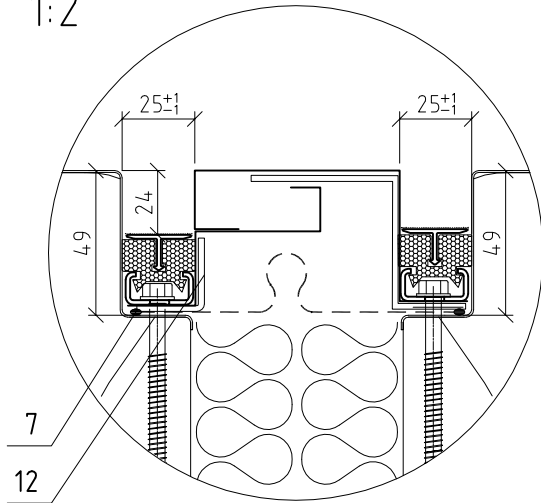
Subject of detail are only positioned elements!

All details are the property of Trimo ©

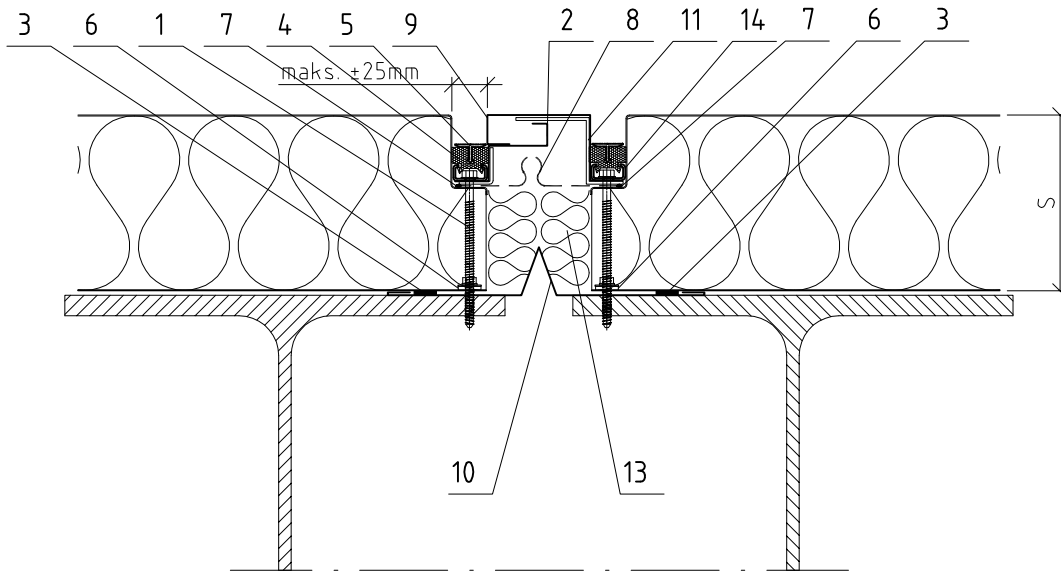
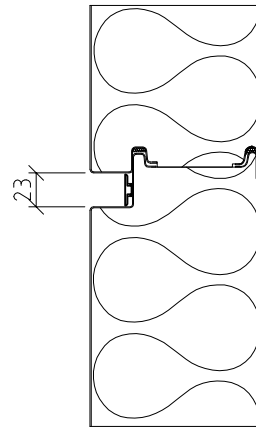
Ver.: 1.6 – Oct. 2014 Note: All rights to alterations reserved! A designer is responsible for any changes in details!

M 1:2

Horizontal cut:



Cladding element vertical cross section:



NOTE:

- Applicable when structure inside ±2 mm tolerances!
- Max. Dilation allowed ± 25 mm.

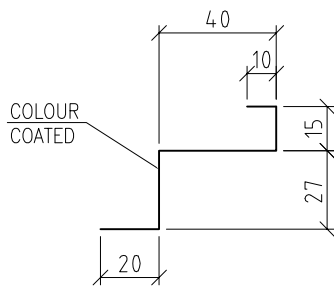
Poz.	Koda	Description
1	P021	Fixing screw
2	O1087	Dilatation Flashing – intermediate
3	T060	Sealing tape 5x10
4	T052	EPDM gasket
5	A023	T profile decorative
6	V021	Fixing screw
7	T055	EPDM foil glue
8	T054	EPDM foil – outer assembly
9	O1088	Dilatation Flashing – outher
10	O1089	Dilatation Flashing – inner
11	N471	Z-profile
12	N435	Fixing L profile
13	W002	Insulation – MW (min. 30 kg/m ³)
14	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 ©

ITEM 2 | 01087 | Dilatation Flashing – intermediate



Material Fe metal sheet 0,7 mm

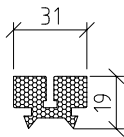
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 112 mm

ITEM 4 | T052 | EPDM gasket

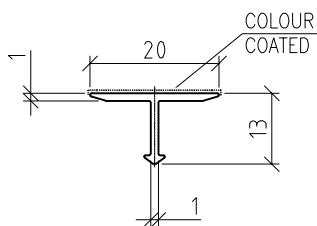


Material: EPDM

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 5 | A023 | T profile decorative



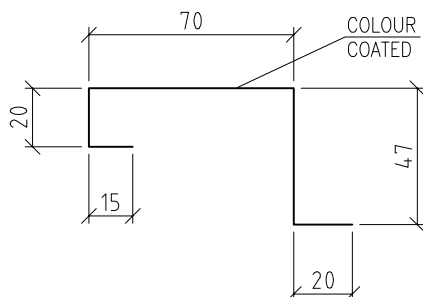
Material: Alu

Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

ITEM 9 | 01088 | Dilatation Flashing – outhr



Material Fe metal sheet 0,7 mm

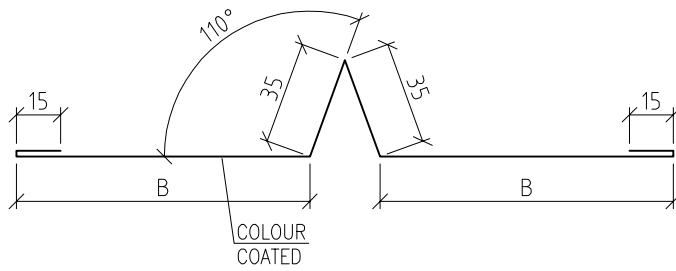
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 172 mm

ITEM 10 | 01089 | Dilatation Flashing – inner



Material Fe metal sheet 0,7 mm

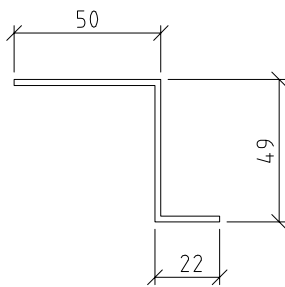
Colour _____

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 100+2B

ITEM 11 | N471 | Z-profile



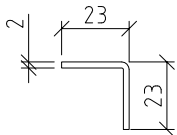
Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = _____ PIECE _____

L = _____ PIECE _____

Steel sheet width ... 113 mm

ITEM 12 | N435 | Fixing L profile



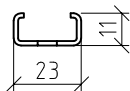
Material Fe metal sheet 2 mm
zinc – coated metal sheet

L = _____ PCS _____

L = _____ PCS _____

Steel sheet width ... 42

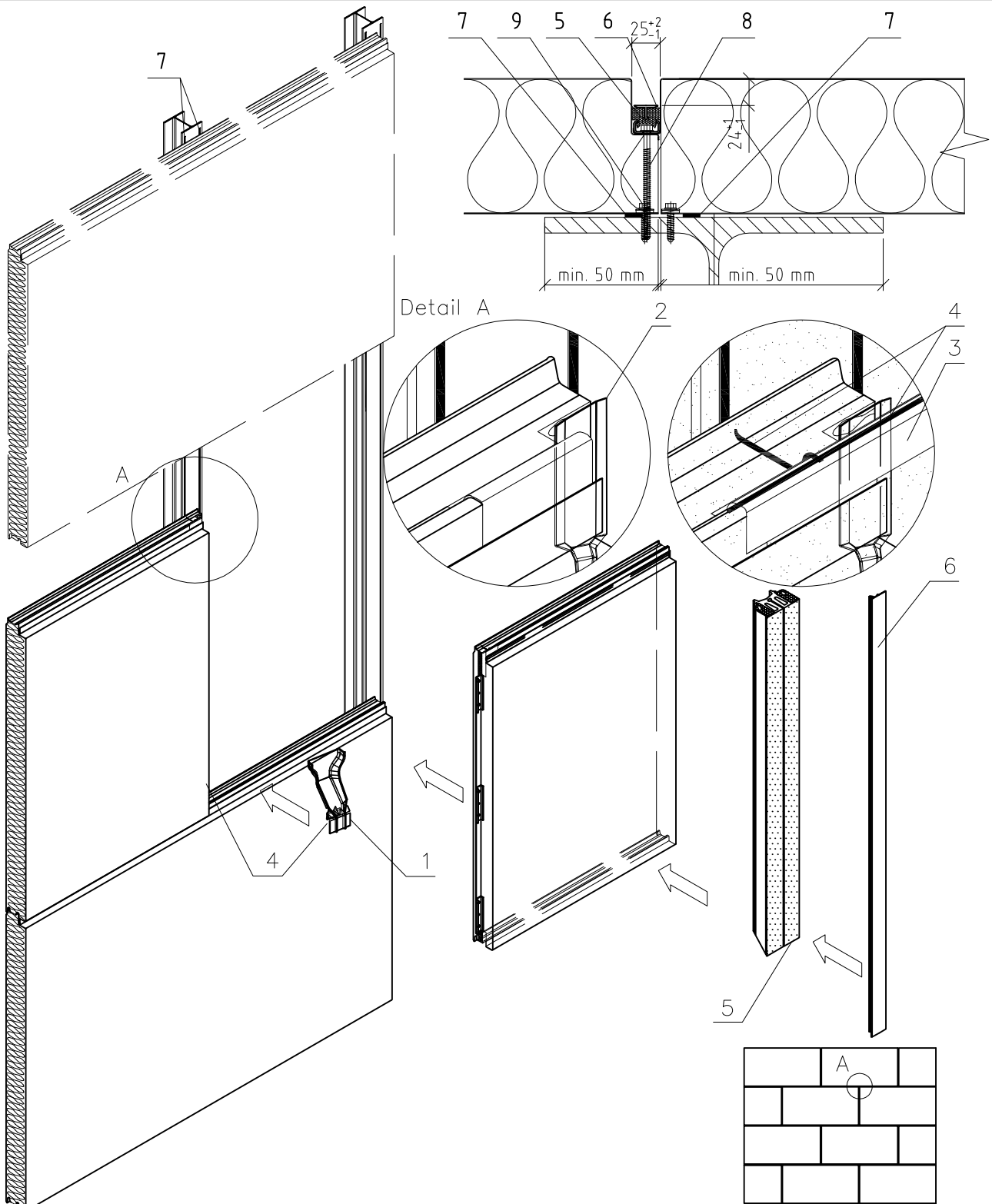
ITEM 14 | N637 | Load bearing U shaped washer



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

L = 150 mm PIECE _____

L = 150 mm PIECE _____



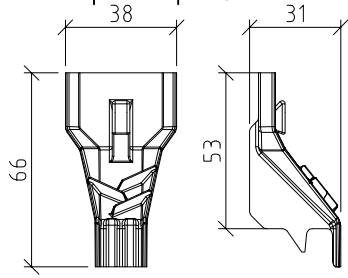
Ver: 1.6 – Oct. 2014. Note: All rights to alterations reserved! A designer is responsible for any changes in details!

Item	Code	Description
1	T051	Drip element; below – EPDM
2	O1071	Drip element – brick
3	T061	Butyl tape on the aluminium foil 1x50x108 mm
4	T053	Sealing/gluing putty (Permanent gluing)
5	T052	EPDM gasket
6	A023	T profile decorative
7	T060	Sealing tape 5x10 (2 m/m1 pos.6)
8	P021	Fixing screw ____x____
9	V021	Fixing screw

Subject of detail are only positioned elements!

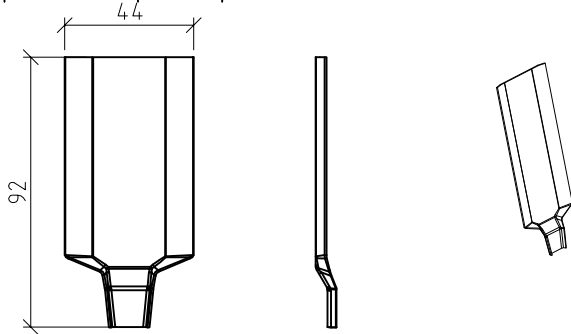
All details are the property of Trimo ©

ITEM 1 | T051 | Drip element; below – EPDM



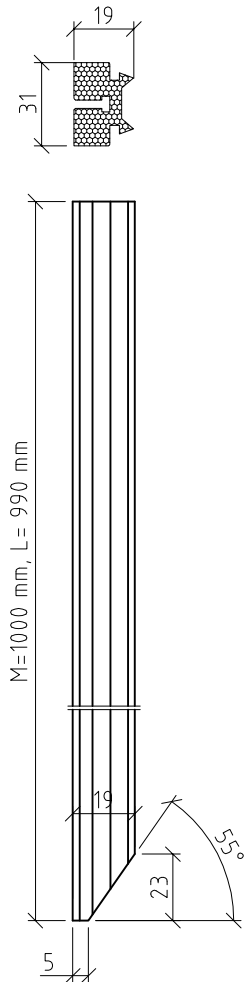
Material EPDM
PIECE _____

ITEM 2 | 01071 | Drip element – brick



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

ITEM 5 | T052 | EPDM gasket



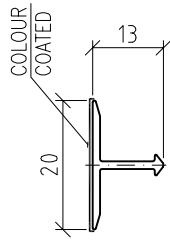
Material: EPDM
L = _____ PIECE _____
L = _____ PIECE _____

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 6 | A023 | T profile decorative

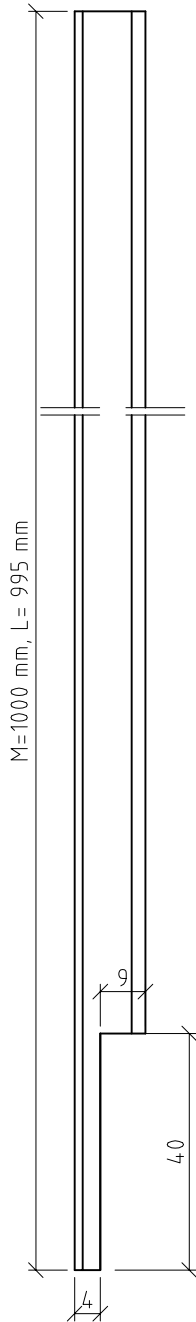


Material: Alu

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!



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>).