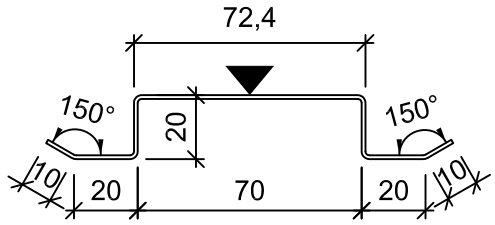
Drw. nr.	Contents of drawing	Date	Rev.	Rev. date
LRSP102AE-1	Support studs	21.09.2011	.	.
LRSP102AE-2	Support stud joint pieces	21.09.2011	.	.
LRSP102AE-3	Adjustable fastener	21.09.2011	.	.
LRSP102AE-4	Plinth & Sill flashings	21.09.2011	.	.
LRSP102AE-5	External & Internal corner flashings	21.09.2011	.	.
LRSP102AE-6	Cover flashings	21.09.2011	.	.
LRSP102AE-7	Cover flashings	21.09.2011	.	.
LRSP102AE-8	Eaves & Storm & Support flashings	21.09.2011	.	.
LRSP102AE-9	Fastening screws	21.09.2011	.	.
LRSP102AE-10	Fastening screws, Sealing	21.09.2011	.	.
LRSP102AE-11	Support stud	10.10.2014	.	.
LRSP102AE-12	Support stud	10.10.2014	.	.

City sector	Block	Site/Reg. nr.	File nr.	
Building type			Drawing type	Nr.
Building, Name and address			Contents of drawing Liberta original 102 & 102Grande ACCESSORIES	Scale
RUUKKI				

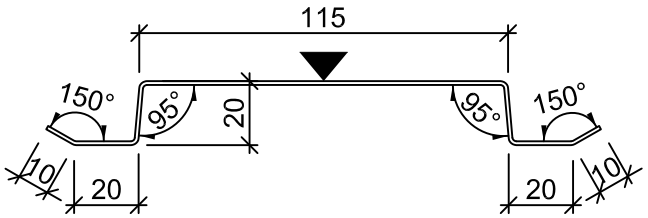
Date	Designer	Work nr.	Work nr.	Drw. nr.	Rev.
10.10.2014	Ruukki				
Drawn by	Checked				

Contents of drawing Liberta original 102 & 102Grande Accessories Support studs			
Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. Rev. LRSP102AE-1 .
Drawn by Ruukki	Rev. .		
Scale 1:2.5	Building .		File nr. .

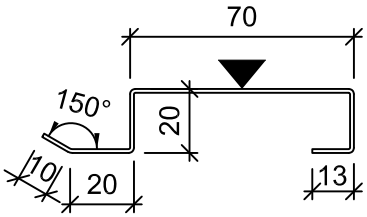
A SUPPORT STUD CA1SS1
band width = 170
t = 1.20 (steel: PVDF, epoxy + powder matt)
t = 1.25 (steel: zinc coated)
t = 1.50 (aluminium)
L = 100 - 4 000



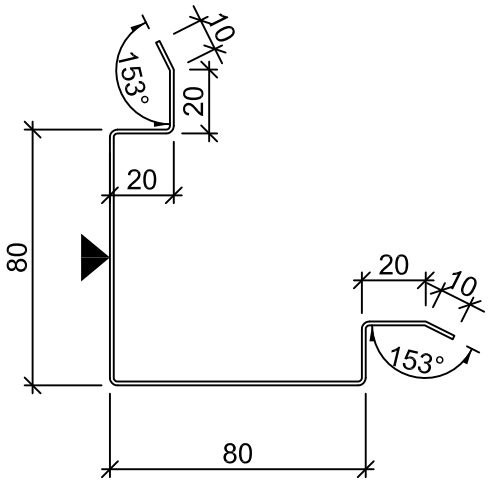
B SUPPORT STUD CA1SS2
band width = 208
t = 1.20 (steel: PVDF, epoxy + powder matt)
t = 1.25 (steel: zinc coated)
t = 1.50 (aluminium)
L = 100 - 4 000



C SUPPORT STUD CA1RS1
band width = 150
t = 1.20 (steel: PVDF, epoxy + powder matt)
t = 1.25 (steel: zinc coated)
t = 1.50 (aluminium)
L = 100 - 4 000



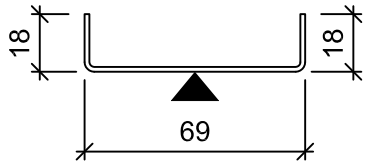
D SUPPORT STUD CORNER CA1SSC1
band width = 250
t = 1.20 (steel: PVDF, epoxy + powder matt)
t = 1.25 (steel: zinc coated)
t = 1.50 (aluminium)
L = 100 - 4 000



Contents of drawing Liberta original 102 & 102Grande Accessories Support stud joint pieces			
Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. Rev. LRSP102AE-2 .
Drawn by Ruukki	Rev. .		
Scale 1:2.5	Building .		File nr. .

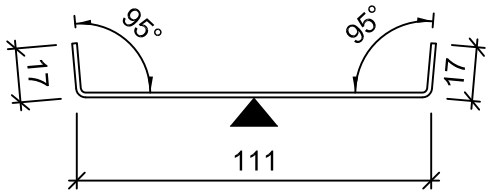
A SUPPORT STUD JOINT PIECE CA1SSJ1
band width = 99
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

Joint piece for Support stud CA1SS1



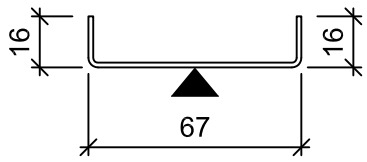
B SUPPORT STUD JOINT PIECE CA1SSJ2
band width = 139
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

Joint piece for Support stud CA1SS2



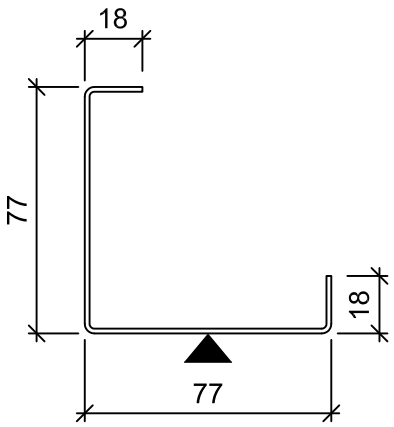
C SUPPORT STUD JOINT PIECE CA1SSJ3
band width = 93
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

Joint piece for Support stud CA1RS1



D SUPPORT STUD JOINT PIECE CA1SSJ4
band width = 181
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

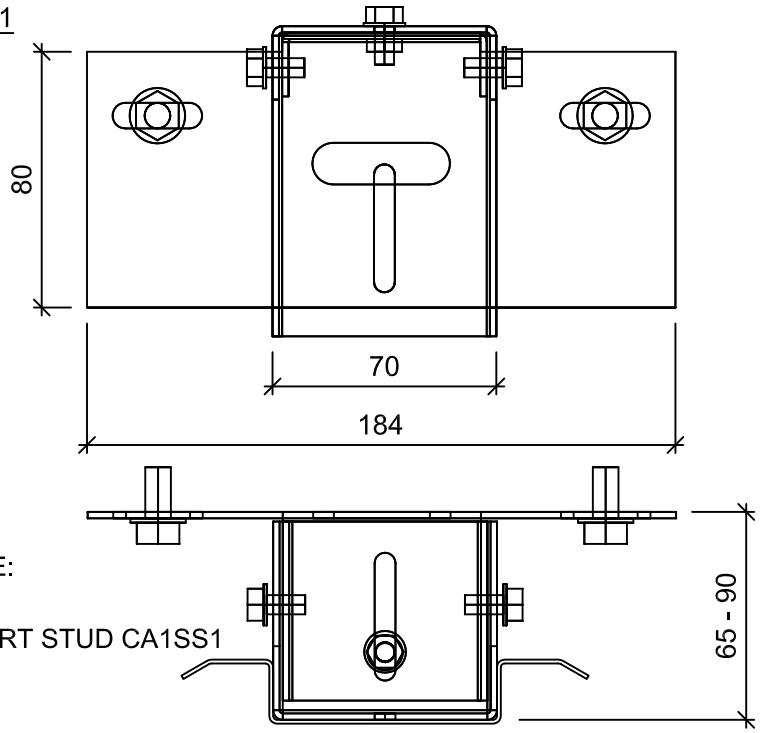
Joint piece for Support stud corner CA1SSC1

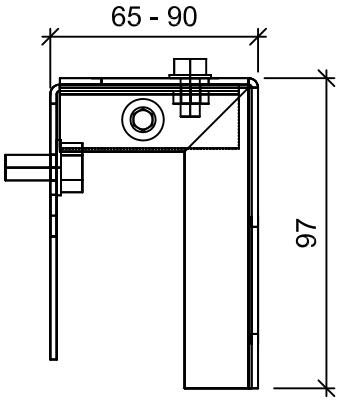


RUUKKI		Contents of drawing Liberta original 102 & 102Grande Accessories Adjustable fastener	
Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. LRSP102AE-3 Rev. .
Drawn by Ruukki	Rev. .		
Scale 1:2.5	Building .		File nr. .

A ADJUSTABLE FASTENER CAFRSP
t = 2.00 (steel: zinc coated)

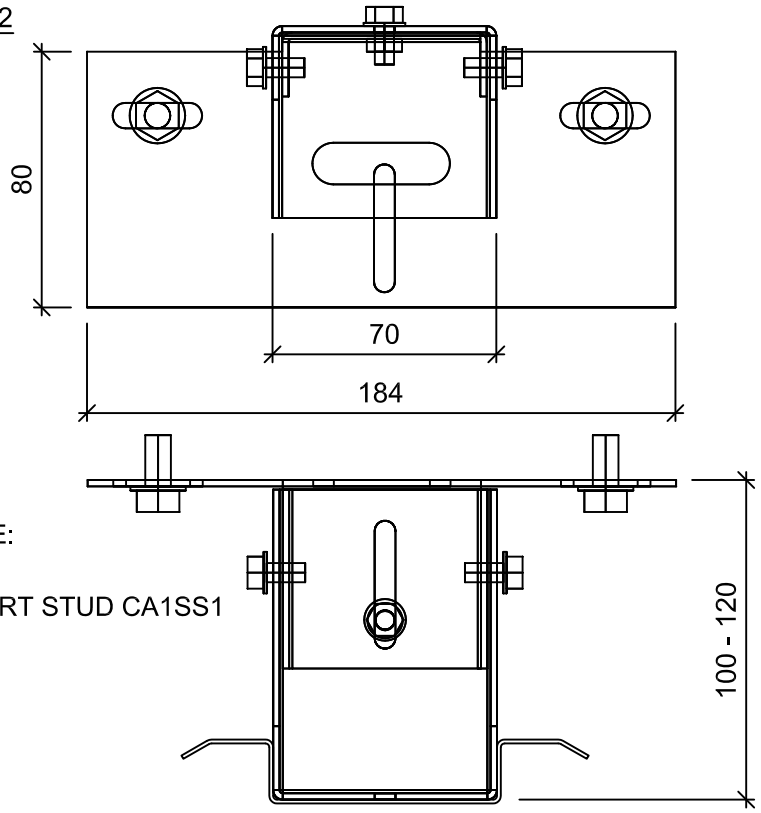
ADJUST 1

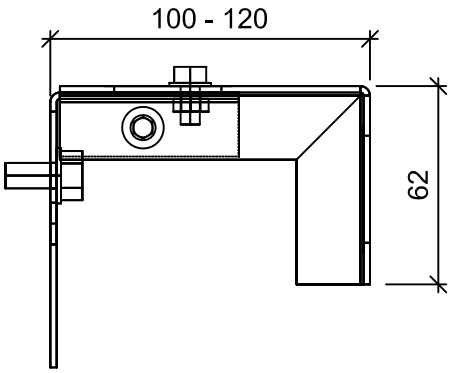




EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1

ADJUST 2





EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1

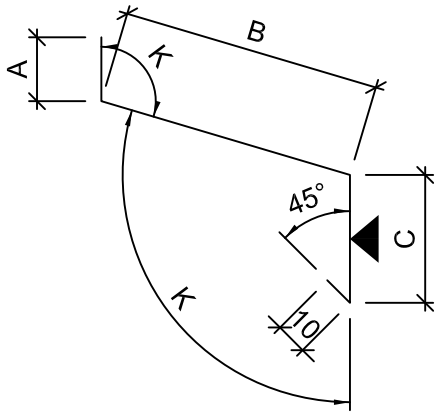
Contents of drawing

Liberta original 102 & 102Grande
Accessories
Plinth & Sill flashings

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-4	.
Drawn by: Ruukki	Rev.: .			
Scale: 1:2.5	Building: .		File nr.: .	

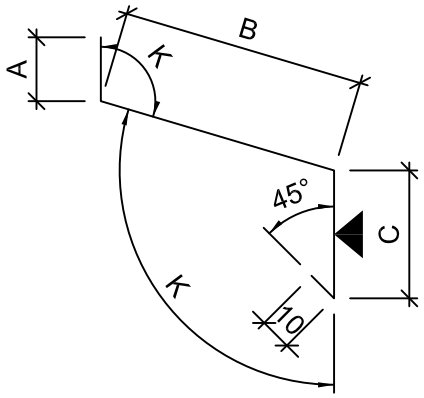
A PLINTH FLASHING CA1P1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12, Cmin = 15

CA1P1X-	A	B	C	K	band width
CA1P1X-1	.	.	.	.	.
CA1P1X-2	.	.	.	.	.
CA1P1X-3	.	.	.	.	.



B SILL FLASHING CA1S1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12, Cmin = 15

CA1S1X-	A	B	C	K	band width
CA1S1X-1	.	.	.	.	.
CA1S1X-2	.	.	.	.	.
CA1S1X-3	.	.	.	.	.



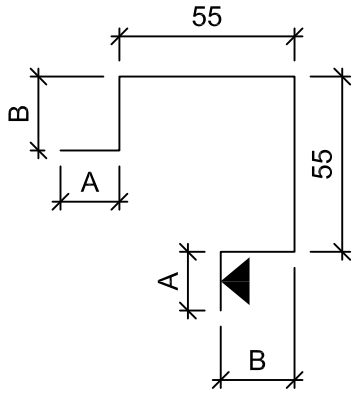
Contents of drawing

Liberta original 102 & 102Grande
Accessories
External & Internal corner flashings

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-5	.
Drawn by: Ruukki	Rev. .			
Scale: 1:2.5	Building .		File nr. .	

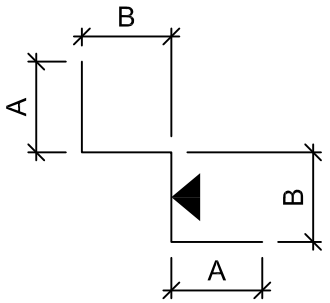
A EXTERNAL CORNER FLASHING CA1EC1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12

CA1EC1X-	A	B	band width
CA1EC1X-1	.	.	.
CA1EC1X-2	.	.	.
CA1EC1X-3	.	.	.



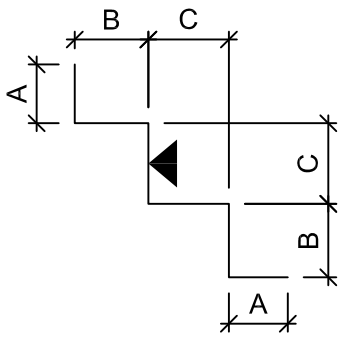
B INTERNAL CORNER FLASHING CA1IC1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12

CA1IC1X-	A	B	band width
CA1IC1X-1	.	.	.
CA1IC1X-2	.	.	.
CA1IC1X-3	.	.	.



C INTERNAL CORNER FLASHING CA1IC2X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12, Cmin = 12

CA1IC2X-	A	B	C	band width
CA1IC2X-1	.	.	.	.
CA1IC2X-2	.	.	.	.
CA1IC2X-3	.	.	.	.



RUUKKI

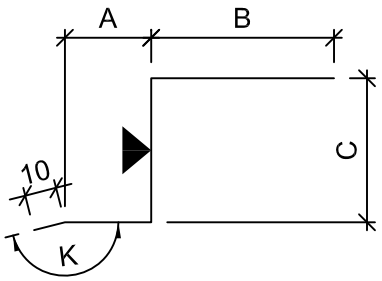
Contents of drawing

Liberta original 102 & 102Grande
Accessories
Cover flashings

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-6	.
Drawn by: Ruukki	Rev.: .			
Scale: 1:2.5	Building: .		File nr.: .	

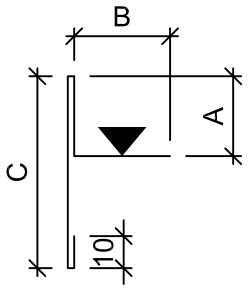
A COVER FLASHING CA1C1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 12, Bmin = 10, Cmin = 12

CA1C1X-	A	B	C	K	band width
CA1C1X-1	.	.	.	.	.
CA1C1X-2	.	.	.	.	.
CA1C1X-3	.	.	.	.	.



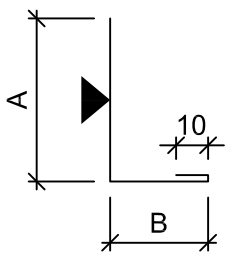
B COVER FLASHING CA1C3X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 20, Bmin = 10, Cmin = 30

CA1C3X-	A	B	C	band width
CA1C3X-1	.	.	.	.
CA1C3X-2	.	.	.	.
CA1C3X-3	.	.	.	.



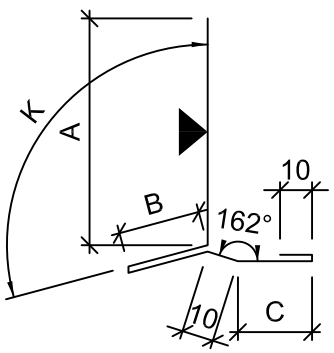
C COVER FLASHING CA1C8X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12

CA1C8X-	A	B	band width
CA1C8X-1	.	.	.
CA1C8X-2	.	.	.
CA1C8X-3	.	.	.



D COVER FLASHING CA1C9X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 20, Cmin = 12

CA1C9X-	A	B	C	K	band width
CA1C9X-1	.	.	.	.	.
CA1C9X-2	.	.	.	.	.
CA1C9X-3	.	.	.	.	.



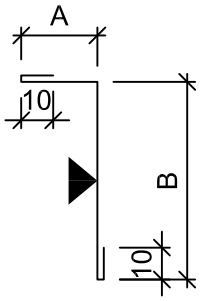
Contents of drawing

Liberta original 102 & 102Grande
Accessories
Cover flashings

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-7	.
Drawn by: Ruukki	Rev.: .			
Scale: 1:2.5	Building: .		File nr.: .	

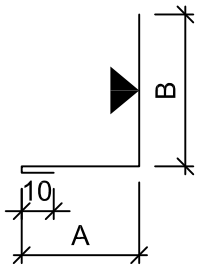
A COVER FLASHING CA1C10X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 12, Bmin = 12

CA1C10X-	A	B	band width
CA1C10X-1	.	.	.
CA1C10X-2	.	.	.
CA1C10X-3	.	.	.



B COVER FLASHING CA1C12X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 12, Bmin = 10

CA1C12X-	A	B	band width
CA1C12X-1	.	.	.
CA1C12X-2	.	.	.
CA1C12X-3	.	.	.



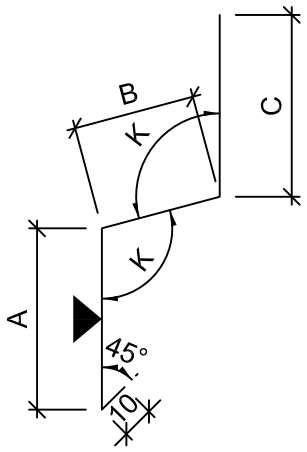
Contents of drawing

Liberta original 102 & 102Grande
Accessories
Eaves & Storm & Support flashings

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-8	.
Drawn by: Ruukki	Rev.: .			
Scale: 1:2.5	Building: .		File nr.: .	

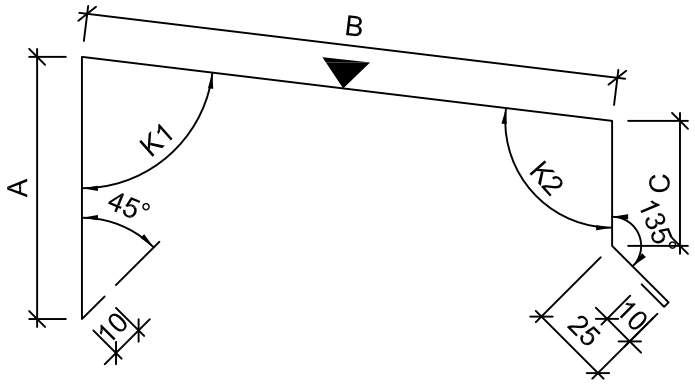
A EAVES FLASHING CA1E1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 20, Bmin = 12, Cmin = 10

CA1E1X-	A	B	C	K	band width
CA1E1X-1	.	.	.	.	.
CA1E1X-2	.	.	.	.	.
CA1E1X-3	.	.	.	.	.



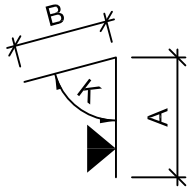
B EAVES FLASHING CA1E2X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 20, Bmin = 40, Cmin = 12

CA1E2X-	A	B	C	K1	K2	band width
CA1E2X-1	.	.	.	.	.	.
CA1E2X-2	.	.	.	.	.	.
CA1E2X-3	.	.	.	.	.	.



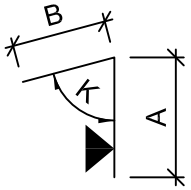
C STORM FLASHING CA1ST1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 10

CA1ST1X-	A	B	band width
CA1ST1X-1	.	.	.
CA1ST1X-2	.	.	.
CA1ST1X-3	.	.	.



D SUPPORT FLASHING CA1SU1X
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 200
Amin = 10, Bmin = 10

CA1SU1X-	A	B	band width
CA1SU1X-1	.	.	.
CA1SU1X-2	.	.	.
CA1SU1X-3	.	.	.



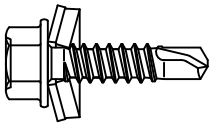
Contents of drawing

Liberta original 102 & 102Grande
Accessories
Fastening screws

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.		LRSP102AE-9	.
Drawn by: Ruukki	Rev. .	.		
Scale: 1:1	Building .		File nr. .	

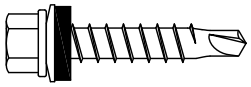
A SCREW S3H48020D03A4

Size:
diameter 4.8 mm, length 20 mm
Head:
8 mm, hexagon
Material:
austenitic stainless steel
Washer:
14 mm, aluminium with vulcanized EPDM rubber
Drilling capacity:
3 mm
Manufacturer:
SFS intec, code SD3-S-A14-4.8x20



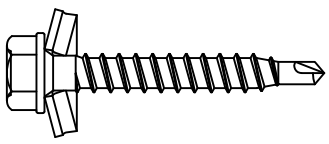
B SCREW S3H4825D4S9.5

Size:
diameter 4.8 mm, length 25 mm
Head:
1 / 4 " (6.35 mm), hexagon
Material:
austenitic stainless steel
Washer:
9.5 mm, aluminium with vulcanized EPDM rubber
Drilling capacity:
4 mm
Manufacturer:
Ferrometal,
code PORAR 6K A2+RUSP 4.8X25+TIIV D=9.5MM



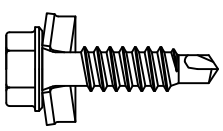
C SCREW S3H48035WA4

Size:
diameter 4.8 mm, length 35 mm
Head:
8 mm, hexagon
Material:
austenitic stainless steel
Washer:
14 mm, aluminium with vulcanized EPDM rubber
Manufacturer:
SFS intec, code SW2-S-A14-4.8x35



D SCREW S3H55022L02A4

Size:
diameter 5.5 mm, length 22 mm
Head:
8 mm, hexagon
Material:
austenitic stainless steel
Washer:
14 mm, aluminium with vulcanized EPDM rubber
Drilling capacity:
2 mm
Manufacturer:
SFS intec, code SL2-S-A14-5.5x22



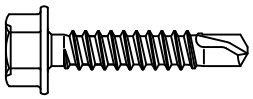
Contents of drawing

Liberta original 102 & 102Grande Accessories Fastening screws, Sealing

Date	Rev. date	Work nr.	Drw. nr.	Rev.
21.09.2011	.	.	LRSP102AE-10	.
Drawn by: Ruukki	Rev. .			
Scale: 1:1	Building .		File nr. .	

A SCREW S1H48025D03

Size:
diameter 4.8 mm, length 25 mm
Head:
8 mm, hexagon
Material:
carbon steel
No washer
Drilling capacity:
3 mm
Manufacturer:
SFS intec, code SD3-4.8x25



B SCREW S3T46025PS1

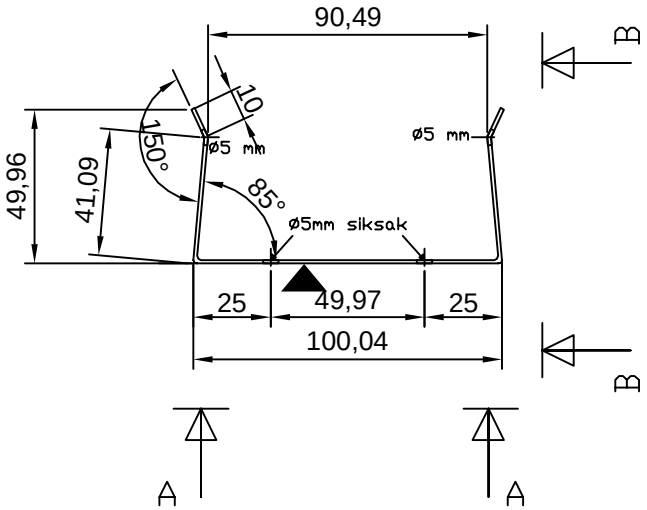
Size:
diameter 4.6 mm, length 25 mm
Head:
Torx T25
Material:
austenitic stainless steel
Washer:
11 mm, austenitic stainless steel with vulcanized EPDM rubber
Manufacturer:
SFS intec, code TSW-S-D10-S11-4.6x25

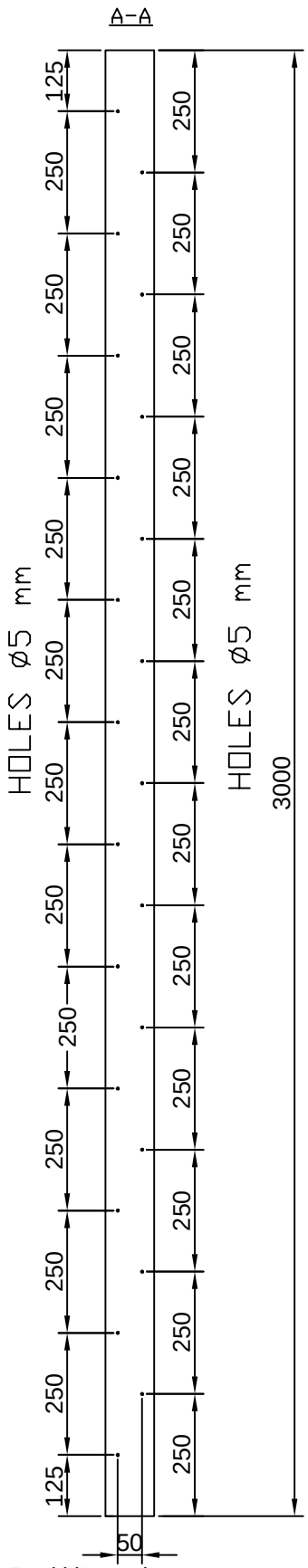
C SEALING STRIP EA3SS410

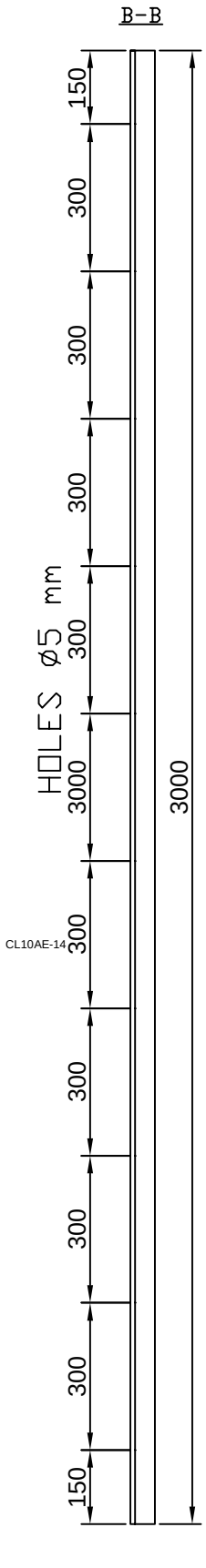
Size:
width 10 mm, thickness 4 mm
Material:
closed-cell polyethylene plastic, one-sided adhesive tape

RUUKKI		Contents of drawing Facade claddings Accessories Support stud	
Date 10.10.2014	Rev. date .	Work nr. .	Drw. nr. Rev. LRSP102AE-11 .
Drawn by Ruukki	Rev. .		
Scale 1:2.5	Building .		File nr. .

SUPPORT CA1SS5
band width = 193
t = 1.20 (steel: Hiarc,Hiarc matta, Hiarc metallic, epoxy + powder matt)
t = 1.20 (steel: zinc coated)
L = 3000



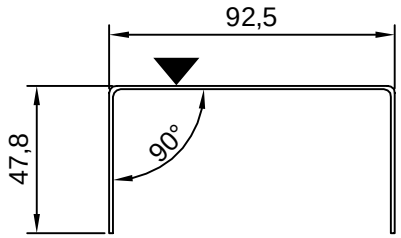




NOTE:SHOULD BE USED TOGETHER WITH CA1SS6

RUUKKI		Contents of drawing Facade claddings Accessories Support stud	
Date 10.10.2014	Rev. date .	Work nr. .	Drw. nr. LRSP102AE-12
Drawn by Ruukki	Rev. .		Rev. .
Scale 1:2.5	Building .		File nr. .

SUPPORT STUD CA1SS6
band width = 183
t = 1.20 (steel: Hiarc, Hiarc matta, Hiarc metallic, epoxy + powder matt)
t = 1.20 (steel: zinc coated)
L = 3000



NOTE:SHOULD BE USED TOGETHER WITH CA1SS5