


Drw. nr.	Contents of drawing			Date	Rev.	Rev. date
CL45AE-1	Support studs			21.09.2011	.	.
CL45AE-2	Support stud joint pieces			21.09.2011	.	.
CL45AE-3	Adjustable fastener			21.09.2011	.	.
CL45AE-4	Starting fillet, Plinth & Sill flashings			21.09.2011	.	.
CL45AE-5	Vertical joint flashings			21.09.2011	.	.
CL45AE-6	External corner flashings			21.09.2011	.	.
CL45AE-7	External & Internal corner flashings			21.09.2011	.	.
CL45AE-8	Internal corner flashings			21.09.2011	.	.
CL45AE-9	Cover flashings			21.09.2011	.	.
CL45AE-10	Eaves & Storm & Support flashings			21.09.2011	.	.
CL45AE-11	Joint pieces			21.09.2011	.	.
CL45AE-12	Fastening screws			21.09.2011	.	.
CL45AE-13	Fastening screws, Sealing			21.09.2011	.	.
City sector		Block	Site/Reg. nr.	File nr.		
Building type			Drawing type Nr.			
Building, Name and address			Contents of drawing			Scale
			Lamella sharp 45 ACCESSORIES			
Date 21.09.2011		Designer Ruukki		Work nr.	Work nr.	Drw. nr. Rev.
Drawn by		Checked				

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-1	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .		File nr. .	

A SUPPORT STUD CA1SS1

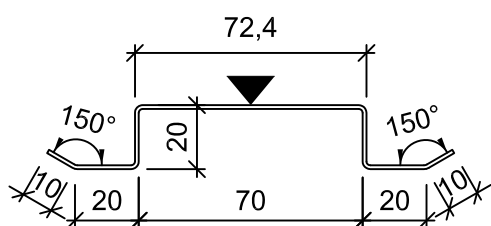
band width = 170

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

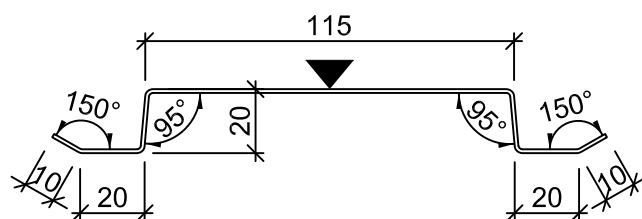
band width = 208

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

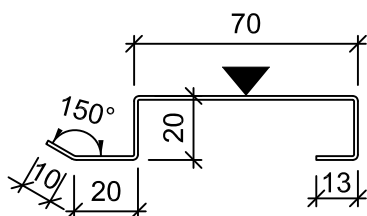
band width = 150

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

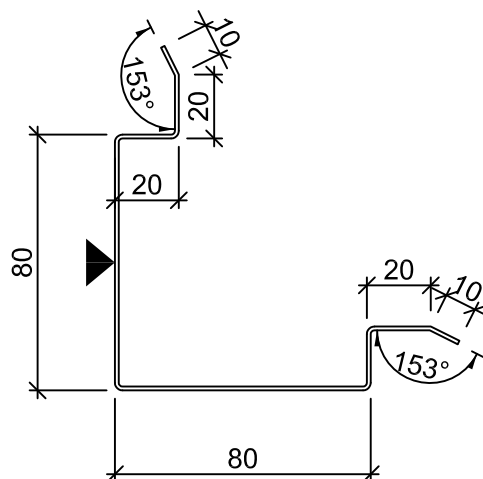
band width = 250

t = 1.20 (steel: PVDF, epoxy + powder matt)

t = 1.25 (steel: zinc coated)

t = 1.50 (aluminium)

L = 100 - 4 000

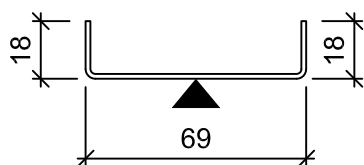


Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-2	Rev. .
Drawn by Ruukki	Rev. .		File nr. .	
Scale 1:2.5	Building .			

A SUPPORT STUD JOINT PIECE CA1SSJ1

band width = 99
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

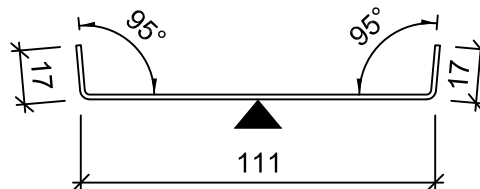
Joint piece for Support stud CA1SS1



B SUPPORT STUD JOINT PIECE CA1SSJ2

band width = 139
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

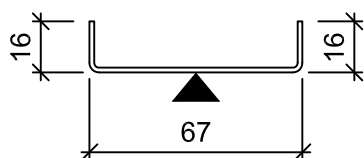
Joint piece for Support stud CA1SS2



C SUPPORT STUD JOINT PIECE CA1SSJ3

band width = 93
t = 1.50 (steel: zinc coated)
t = 1.50 (aluminium)
L = 200

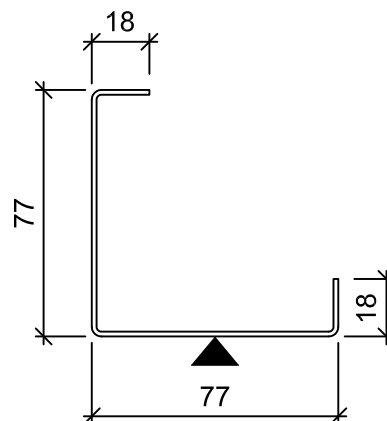
Joint piece for Support stud CA1RS1



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





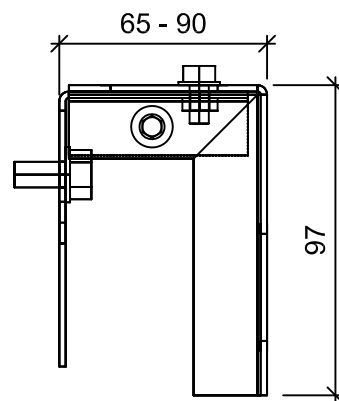
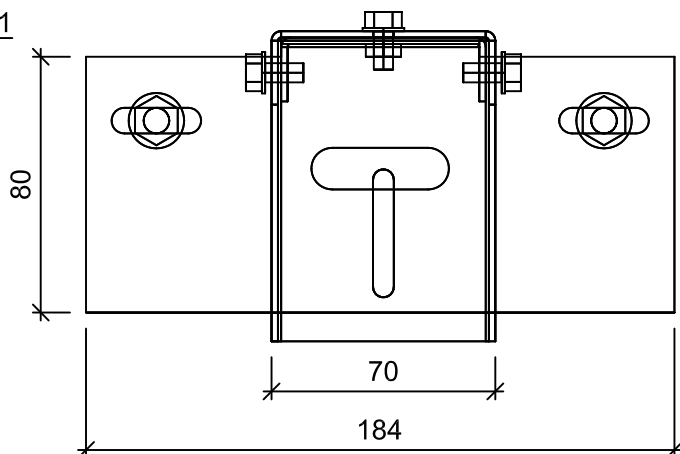
Contents of drawing

Lamella sharp 45
Accessories
Adjustable fastener

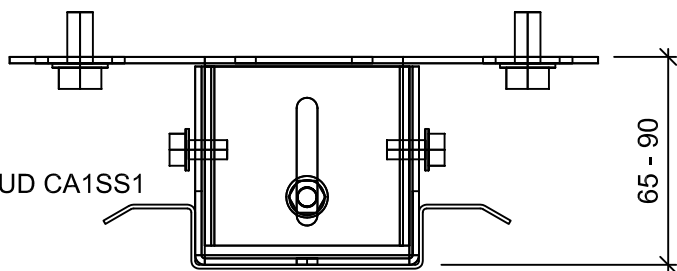
Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-3	Rev. .
Drawn by Ruukki	Rev. .		File nr. .	
Scale 1:2.5	Building .			

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

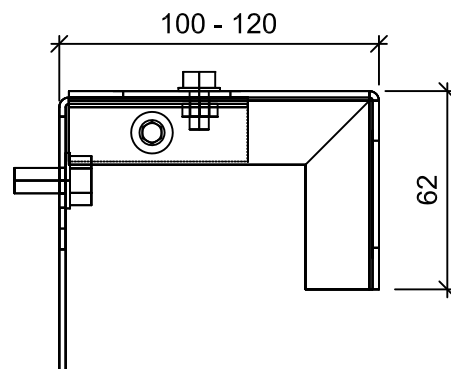
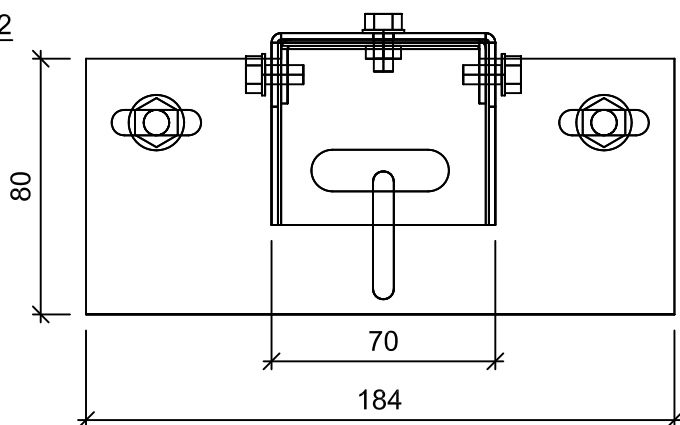
ADJUST 1



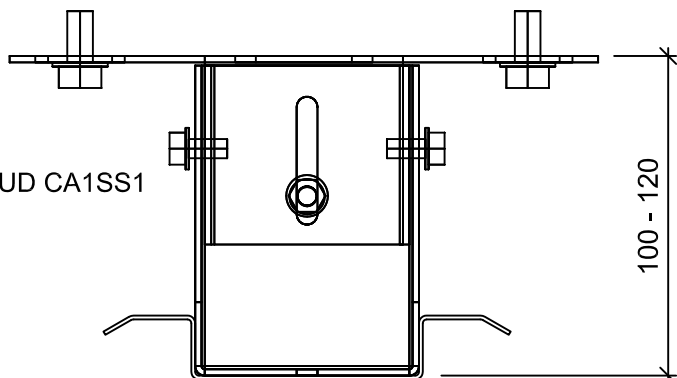
EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1



ADJUST 2



EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1





Contents of drawing

Lamella sharp 45
Accessories
Starting fillet, Plinth & Sill flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-4	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .	File nr. .		

A STARTING FILLET CA1SF4

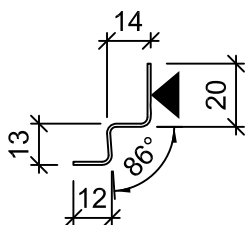
band width = 52

t = 1.20 (steel: PVDF, epoxy + powder matt)

t = 1.25 (steel: zinc coated)

t = 1.50 (aluminium)

L = 150 - 3 000



B PLINTH FLASHING CA1P1X

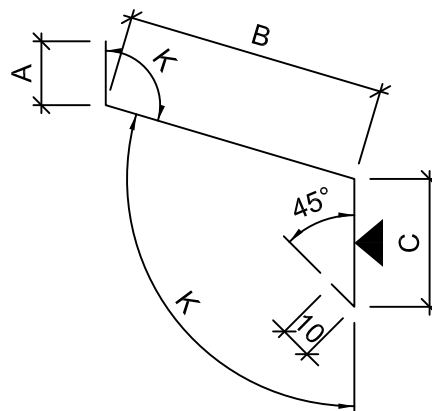
t = 0.60 (steel: PVDF, epoxy + powder matt)

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



C SILL FLASHING CA1S1X

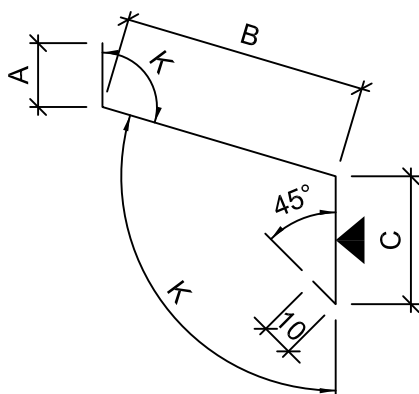
t = 0.60 (steel: PVDF, epoxy + powder matt)

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

Lamella sharp 45
Accessories
Vertical joint flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-5	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .	File nr. .		

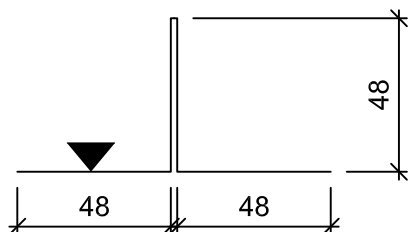
A VERTICAL JOINT FLASHING CA1VJ6

band width = 192

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050



B VERTICAL JOINT FLASHING CA1VJ7X

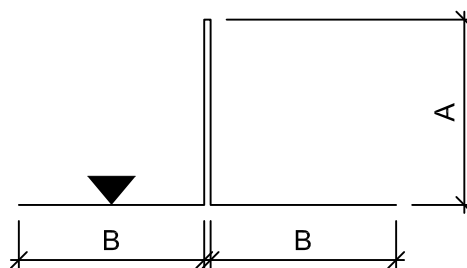
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 20, Bmin = 12, Bmax = 55

CA1VJ7X-	A	B	band width
CA1VJ7X-1	.	.	.
CA1VJ7X-2	.	.	.
CA1VJ7X-3	.	.	.



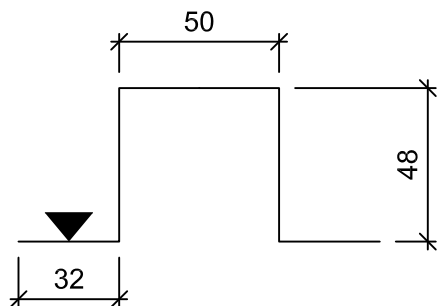
C VERTICAL JOINT FLASHING CA1VJ14

band width = 210

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050





Contents of drawing

Lamella sharp 45
Accessories
External corner flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-6	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .	File nr. .		

A EXTERNAL CORNER FLASHING CA1EC1X

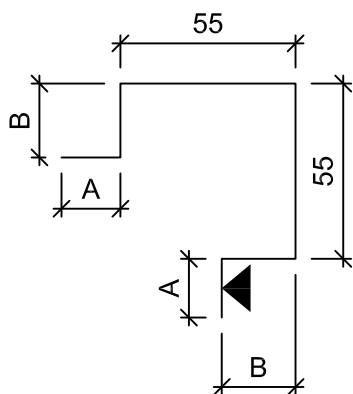
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 10, Bmin = 12

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



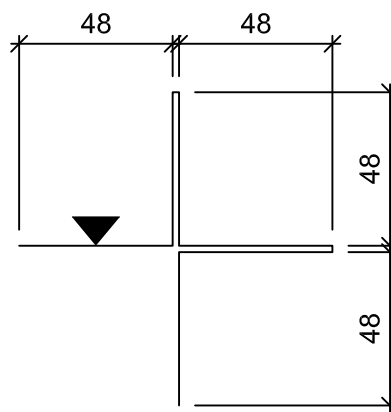
B EXTERNAL CORNER FLASHING CA1EC6

band width = 288

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050



C EXTERNAL CORNER FLASHING CA1EC7X

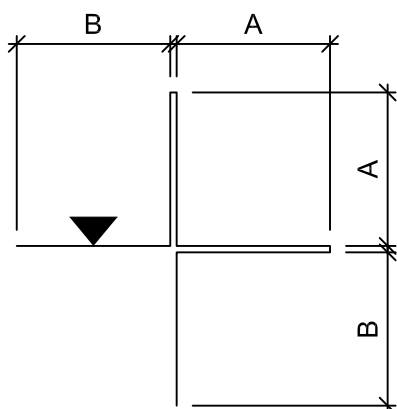
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 20, Bmin = 12, Bmax = 55

CA1EC7X-	A	B	band width
CA1EC7X-1	.	.	.
CA1EC7X-2	.	.	.
CA1EC7X-3	.	.	.



Lamella sharp 45 Accessories External & Internal corner flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-7	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .		File nr. .	

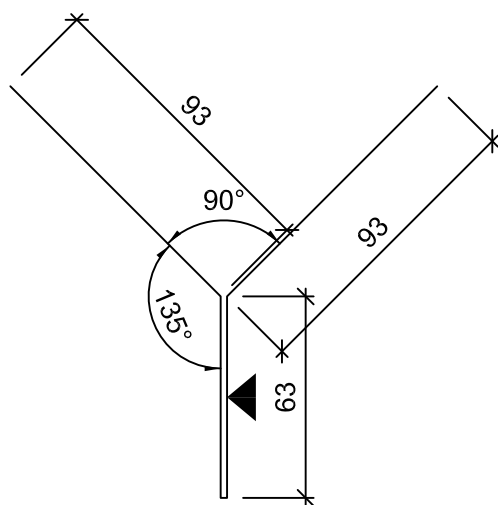
A EXTERNAL CORNER FLASHING CA1EC8

band width = 312

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050



B EXTERNAL CORNER FLASHING CA1EC9X

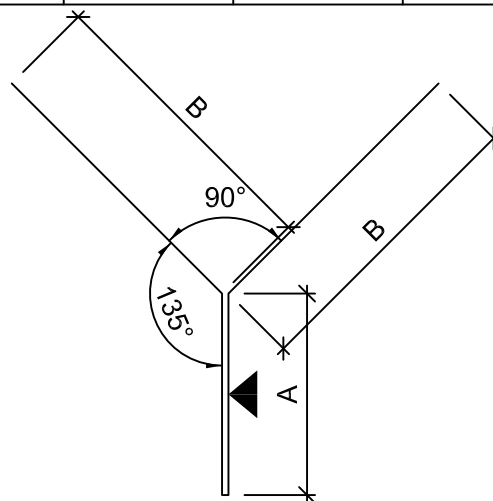
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 20, Bmin = 12

CA1EC9X-	A	B	band width
CA1EC9X-1	.	.	.
CA1EC9X-2	.	.	.
CA1EC9X-3	.	.	.



C INTERNAL CORNER FLASHING CA1IC1X

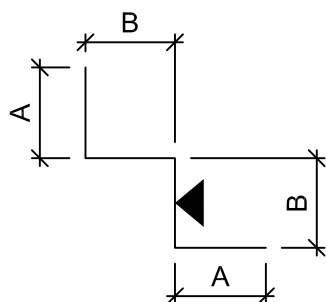
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 10, Bmin = 12

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



D INTERNAL CORNER FLASHING CA1IC2X

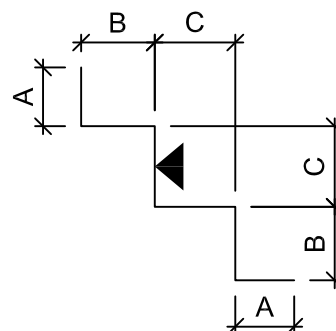
t = 0.60 (steel: PVDF, epoxy + powder matt)

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





Contents of drawing

Lamella sharp 45
Accessories
Internal corner flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-8	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .	File nr. .		

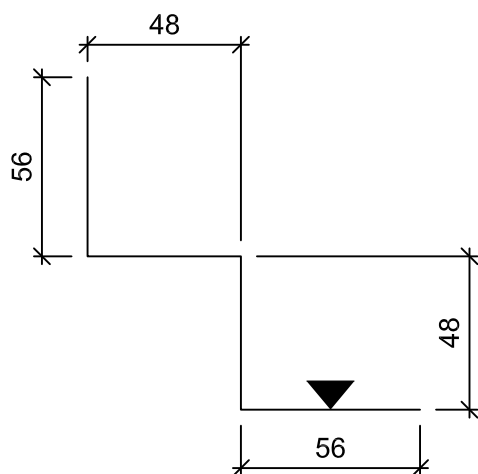
A INTERNAL CORNER FLASHING CA1IC6

band width = 208

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050



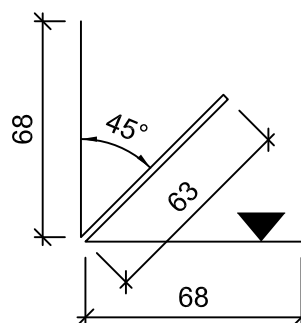
B INTERNAL CORNER FLASHING CA1IC9

band width = 262

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050



C INTERNAL CORNER FLASHING CA1IC10X

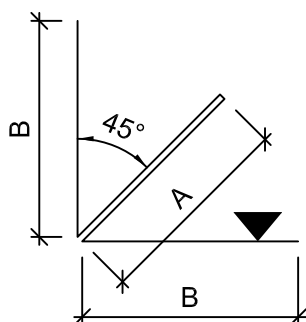
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 20, Bmin = 12

CA1IC10X-	A	B	band width
CA1IC10X-1	.	.	.
CA1IC10X-2	.	.	.
CA1IC10X-3	.	.	.





Contents of drawing

Lamella sharp 45
Accessories
Cover flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-9	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:2.5	Building .		File nr. .	

A COVER FLASHING CA1C3X

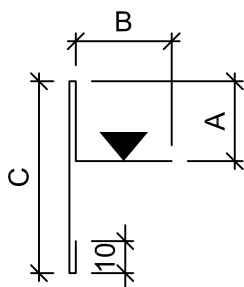
t = 0.60 (steel: PVDF, epoxy + powder matt)

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

**B COVER FLASHING CA1C8X**

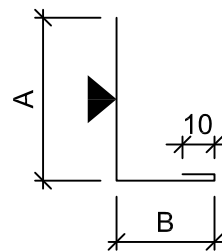
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 10, Bmin = 12

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

**C COVER FLASHING CA1C10X**

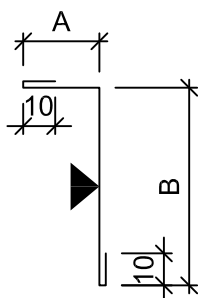
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 12, Bmin = 12

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

**D COVER FLASHING CA1C12X**

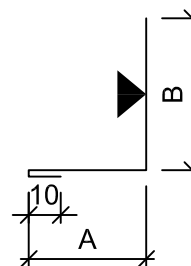
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 12, Bmin = 10

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



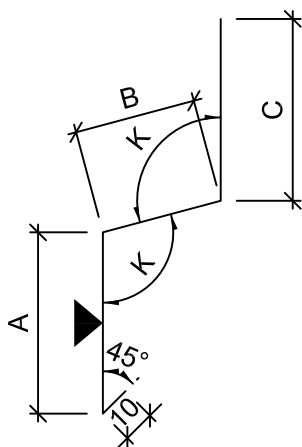
Lamella sharp 45 Accessories Eaves & Storm & Support flashings

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-10	Rev. .
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

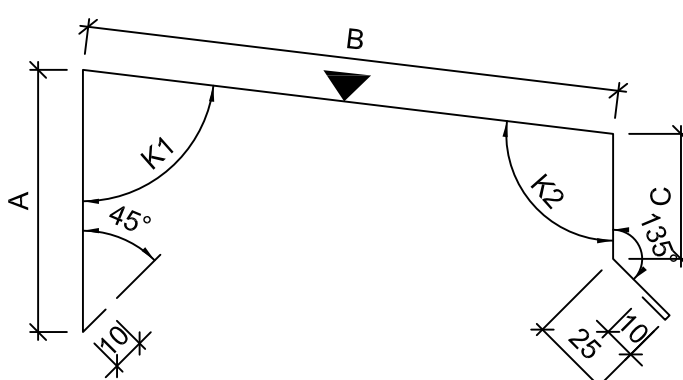
CA1E1X-	A	B	C	K	band width
CA1E1X-1
CA1E1X-2
CA1E1X-3



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

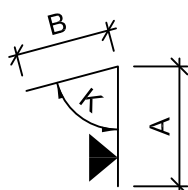
CA1E2X-	A	B	C	K1	K2	band width
CA1E2X-1
CA1E2X-2
CA1E2X-3



C STORM FLASHING CA1ST1X

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

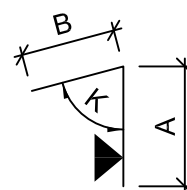
CA1ST1X-	A	B	band width
CA1ST1X-1	.	.	.
CA1ST1X-2	.	.	.
CA1ST1X-3	.	.	.



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

Lamella sharp 45
Accessories
Joint pieces

Date	21.09.2011	Rev. date	.	Work nr.	.	Drw. nr.	CL45AE-11	Rev.	.
Drawn by	Ruukki	Rev.
Scale	1:2.5	Building	.	.	.	File nr.	.	.	.

A JOINT PIECE CA1J2

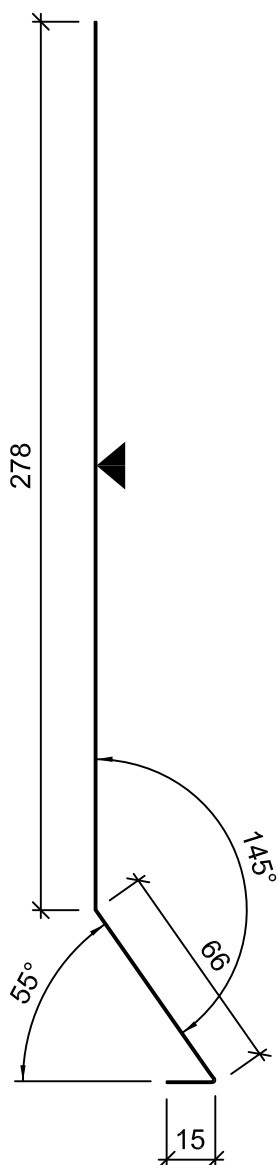
band width = 358

t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 90

Lamella sharp 45, effective height = standard 300



B JOINT PIECE CA1J2X

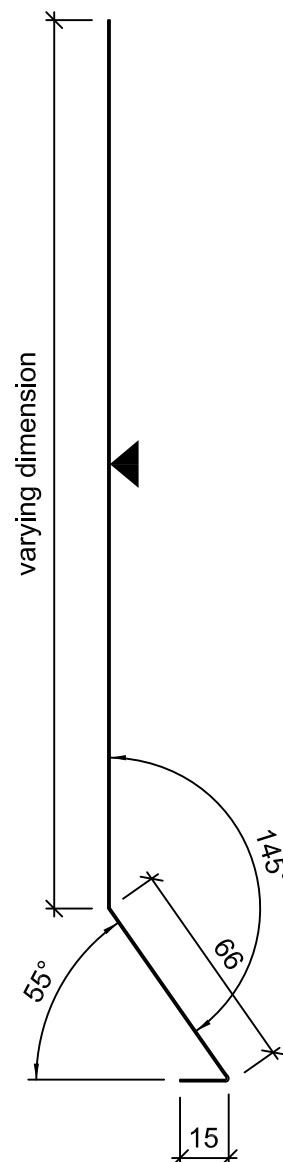
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 90

Lamella sharp 45,
effective height = varying
band width = effective height + 58

CA1J2X-	effective height	band width
CA1J2X-1	.	.
CA1J2X-2	.	.
CA1J2X-3	.	.





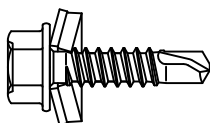
Contents of drawing

Lamella sharp 45
Accessories
Fastening screws

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-12	Rev. .
Drawn by Ruukki	Rev. .			
Scale 1:1	Building .	File nr. .		

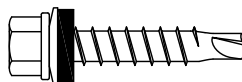
A SCREW S3H48020D03A4

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



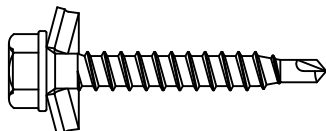
B SCREW S3H4825D4S9.5

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



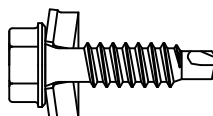
C SCREW S3H48035WA4

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





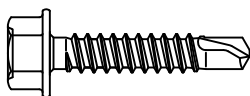
Contents of drawing

Lamella sharp 45
Accessories
Fastening screws, Sealing

Date 21.09.2011	Rev. date .	Work nr. .	Drw. nr. CL45AE-13	Rev. .
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

