



Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Support studs

| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-1 | Rev. . |
| Drawn by Ruukki | Rev. . | | | |
| Scale 1:2.5 | Building . | File nr. . | | |

A SUPPORT STUD CA1SS1

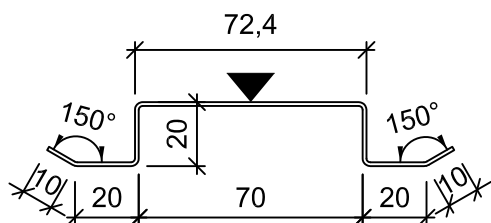
band width = 170

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

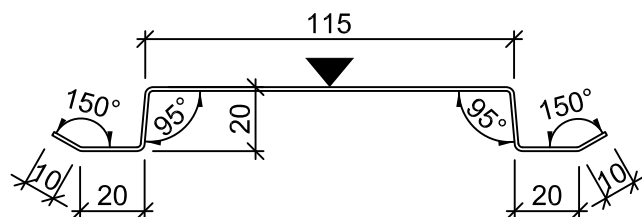
band width = 208

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

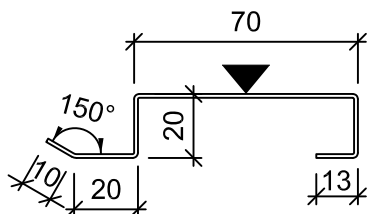
band width = 150

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

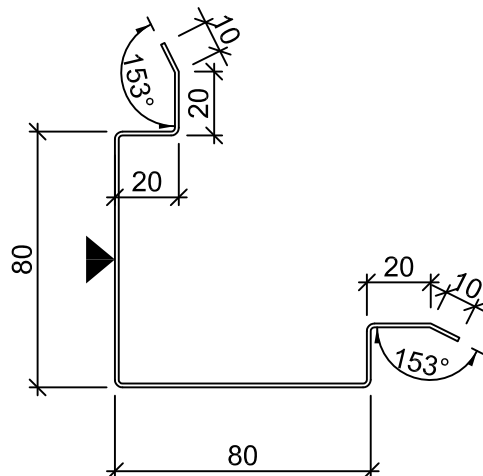
band width = 250

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

t = 1.25 (steel: zinc coated)

t = 1.50 (aluminium)

L = 100 - 4 000





Contents of drawing

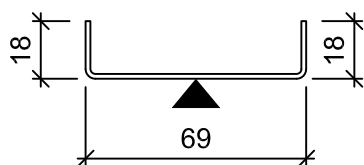
Liberta elegant 500 & 500Grande
Accessories
Support stud joint pieces

| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-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

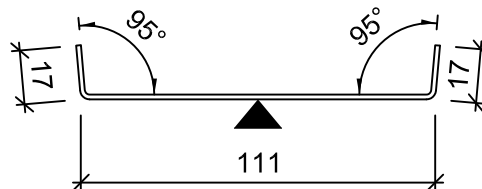
Joint piece for Support stud CA1SS1



B SUPPORT STUD JOINT PIECE CA1SSJ2

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

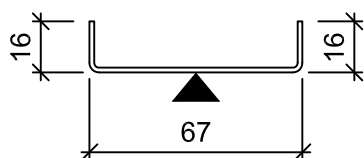
Joint piece for Support stud CA1SS2



C SUPPORT STUD JOINT PIECE CA1SSJ3

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

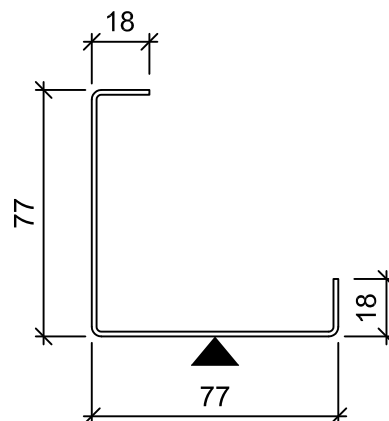
Joint piece for Support stud CA1RS1



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





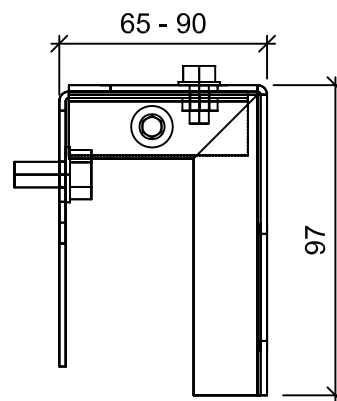
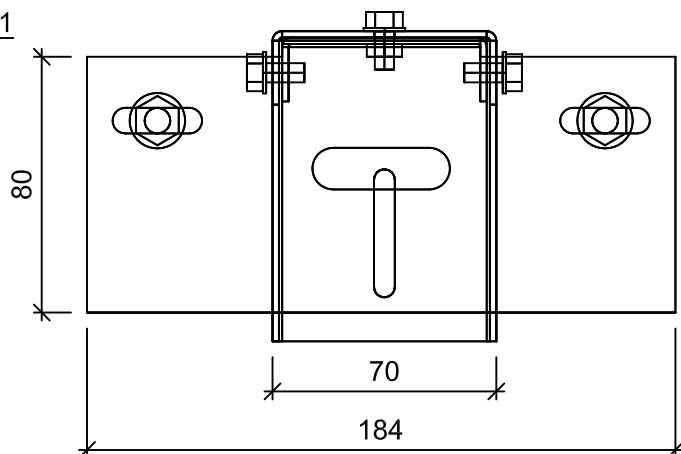
Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Adjustable fastener

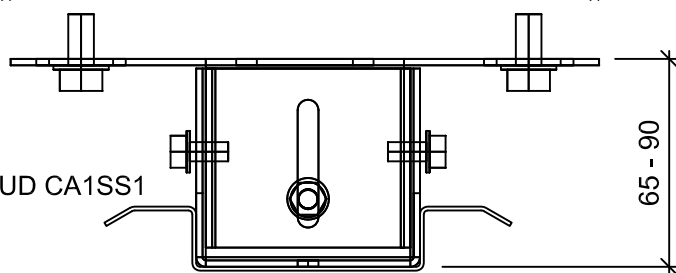
| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-3 | Rev. . |
| Drawn by Ruukki | Rev. . | | File nr. . | |
| Scale 1:2.5 | Building . | | | |

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

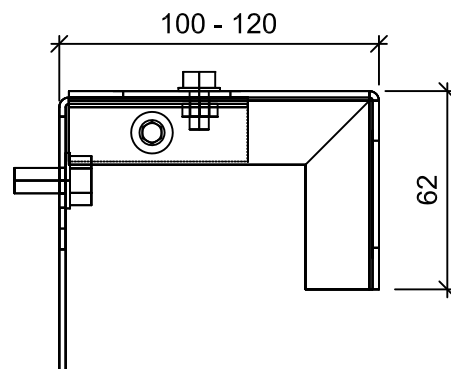
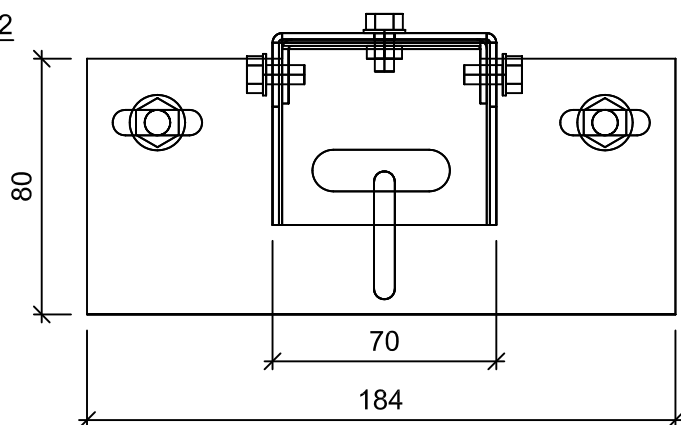
ADJUST 1



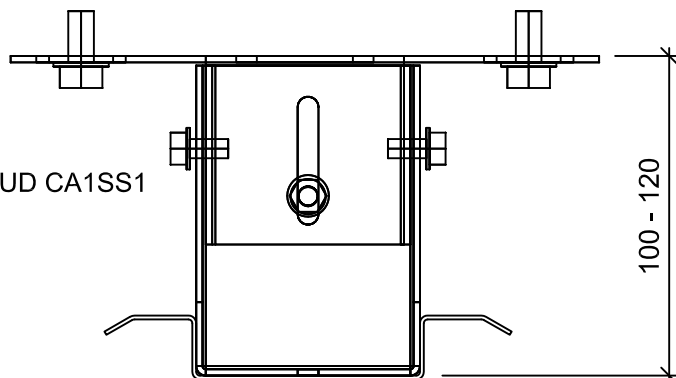
EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1



ADJUST 2



EXAMPLE:
CAFRSP
+ SUPPORT STUD CA1SS1





Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Starting fillet, Plinth & Sill flashings

| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-4 | Rev. . |
| Drawn by Ruukki | Rev. . | | | |
| Scale 1:2.5 | Building . | File nr. . | | |

A STARTING FILLET CA1SF2

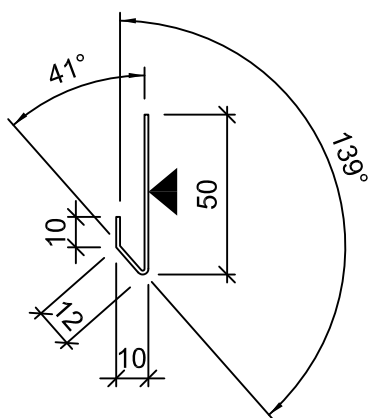
band width = 70

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

t = 1.25 (steel: zinc coated)

t = 1.50 (aluminium)

L = 100 - 3 000



L = panel A-dimension
- vertical joint width between panels Dv - 5

B PLINTH FLASHING CA1P1X

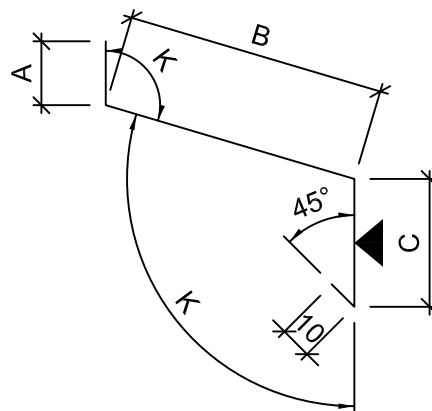
t = 0.60 (steel: PVDF, epoxy + powder matt)

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

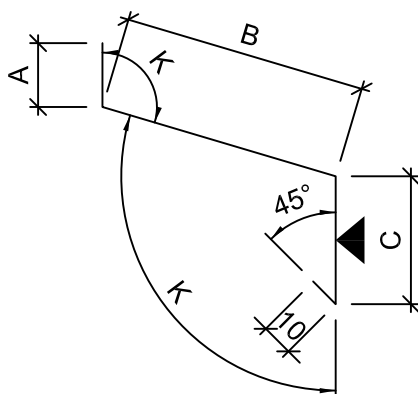
t = 0.60 (steel: PVDF, epoxy + powder matt)

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

Liberta elegant 500 & 500Grande
Accessories
Vertical joint & External corner flashings

| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-5 | Rev. . |
| Drawn by Ruukki | Rev. . | | File nr. . | |
| Scale 1:2.5 | Building . | | | |

A VERTICAL JOINT FLASHING CA1VJ7X

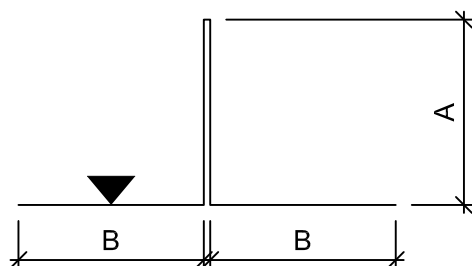
t = 0.60 (steel: PVDF, epoxy + powder matt)

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 | . | . | . |

**B EXTERNAL CORNER FLASHING CA1EC1X**

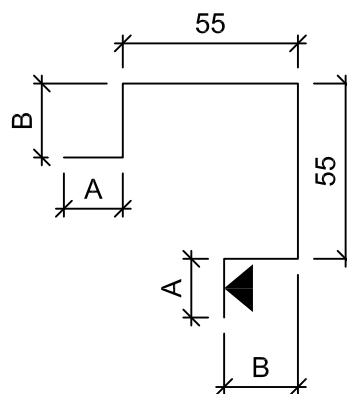
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 10, Bmin = 12

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

**C EXTERNAL CORNER FLASHING CA1EC7X**

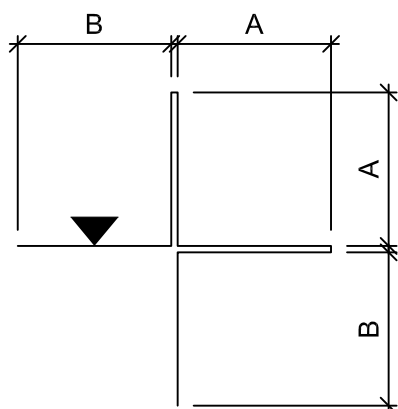
t = 0.60 (steel: PVDF, epoxy + powder matt)

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 | . | . | . |





Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Internal corner & Cover flashings

| | | | | |
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| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-6 | Rev. . |
| Drawn by Ruukki | Rev. . | | | |
| Scale 1:2.5 | Building . | | File nr. . | |

A INTERNAL CORNER FLASHING CA1IC1X

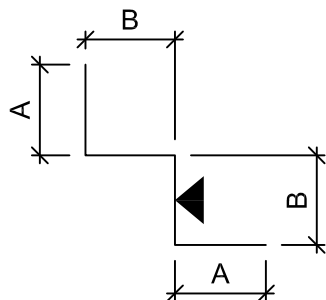
t = 0.60 (steel: PVDF, epoxy + powder matt)

t = 0.70 (aluminium)

L = 100 - 3 050

Amin = 10, Bmin = 12

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

**B INTERNAL CORNER FLASHING CA1IC2X**

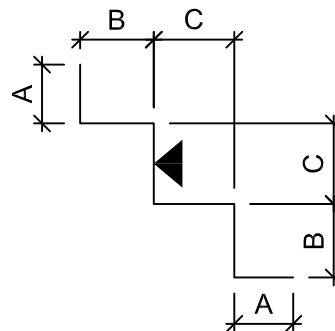
t = 0.60 (steel: PVDF, epoxy + powder matt)

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 | . | . | . | . |

**C COVER FLASHING CA1C1X**

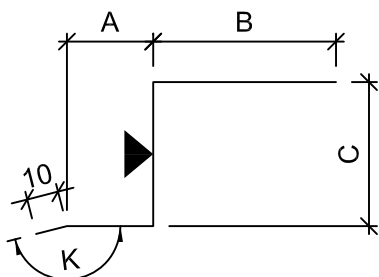
t = 0.60 (steel: PVDF, epoxy + powder matt)

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 | . | . | . | . | . |

**D COVER FLASHING CA1C3X**

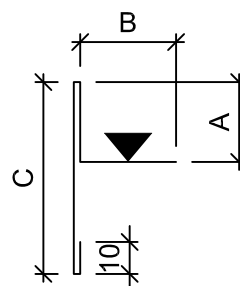
t = 0.60 (steel: PVDF, epoxy + powder matt)

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 | . | . | . | . |





Contents of drawing

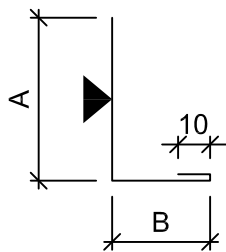
Liberta elegant 500 & 500Grande
Accessories
Cover flashings

| | | | | |
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| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-7 | Rev. . |
| Drawn by Ruukki | Rev. . | | | |
| Scale 1:2.5 | Building . | | File nr. . | |

A COVER FLASHING CA1C8X

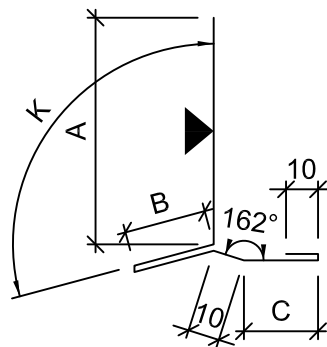
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 12

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

**B COVER FLASHING CA1C9X**

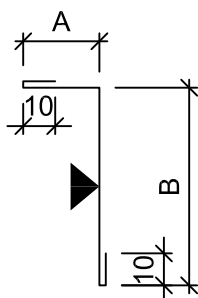
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 20, Cmin = 12

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

**C COVER FLASHING CA1C10X**

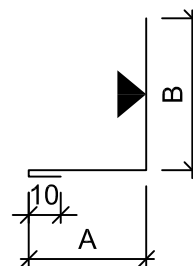
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 12, Bmin = 12

| 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 | . | . | . |





Contents of drawing

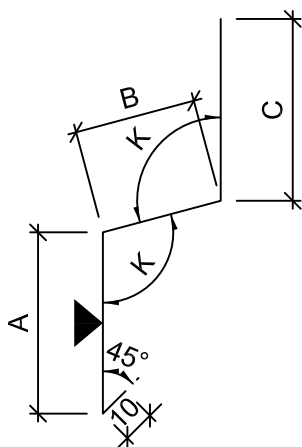
Liberta elegant 500 & 500Grande
Accessories
Eaves & Storm & Support flashings

| | | | | |
|--------------------|----------------|---------------|-------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-8 | Rev. . |
| Drawn by Ruukki | Rev. . | | File nr. . | |
| Scale 1:2.5 | Building . | | | |

A EAVES FLASHING CA1E1X

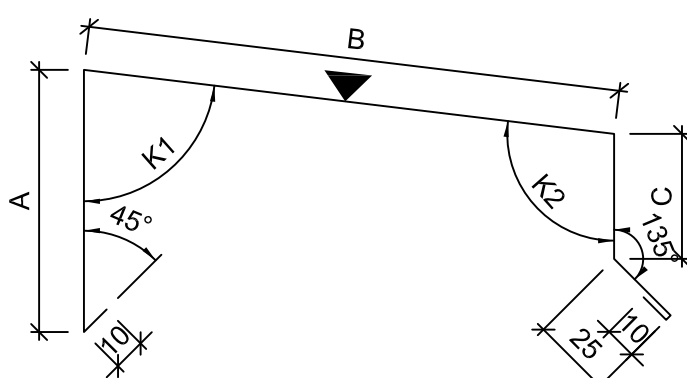
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 20, Bmin = 12, Cmin = 10

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

**B EAVES FLASHING CA1E2X**

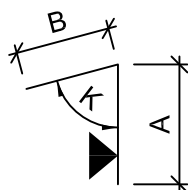
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 20, Bmin = 40, Cmin = 12

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

**C STORM FLASHING CA1ST1X**

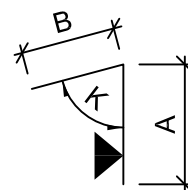
t = 0.60 (steel: PVDF, epoxy + powder matt)
t = 0.70 (aluminium)
L = 100 - 3 050
Amin = 10, Bmin = 10

| 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 | . | . | . |





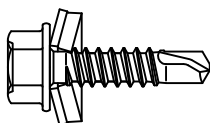
Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Fastening screws

| | | | | |
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| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-9 | Rev. . |
| Drawn by Ruukki | Rev. . | | | |
| Scale 1:1 | Building . | File nr. . | | |

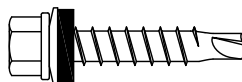
A SCREW S3H48020D03A4

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



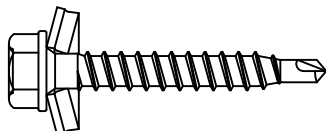
B SCREW S3H4825D4S9.5

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



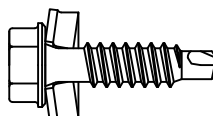
C SCREW S3H48035WA4

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





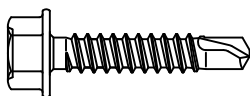
Contents of drawing

Liberta elegant 500 & 500Grande
Accessories
Fastening screws, Sealing

| | | | | |
|--------------------|----------------|---------------|--------------------------|-----------|
| Date 21.09.2011 | Rev. date . | Work nr. . | Drw. nr. LRSP500AE-10 | 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

