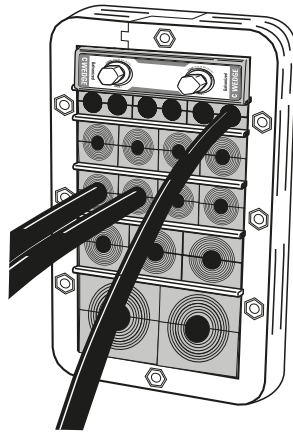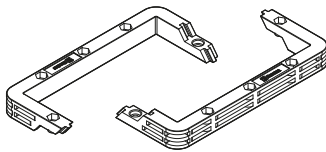## Safety information

Roxtec recommends that all installations are performed without facility operation. Follow national regulations and installation codes. Any action affecting the routed service should be performed according to manufacturer recommendations.
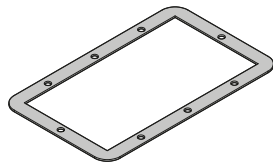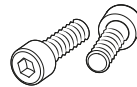

))] Roxtec

Components

Openable Roxtec
C KFO frame
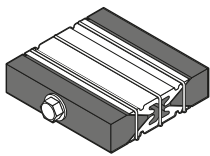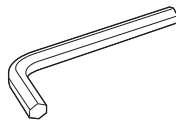
Gasket
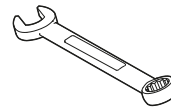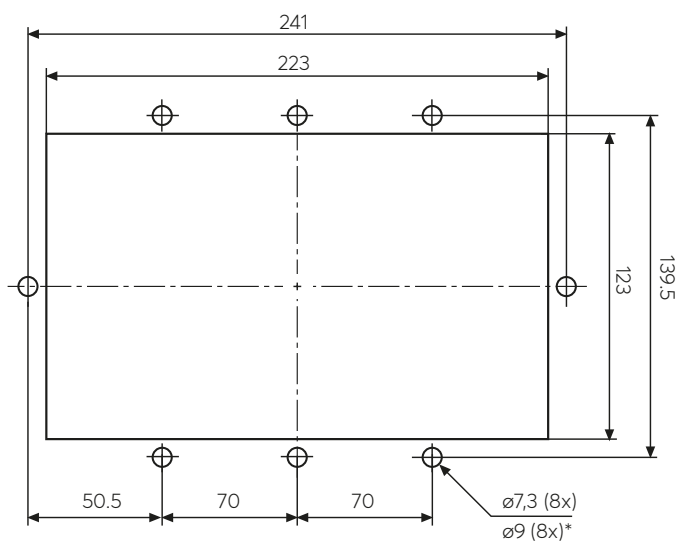
Fasteners

Tools
Not included

Roxtec pre-compression tool

Allen key

Wrench

Aperture dimensions

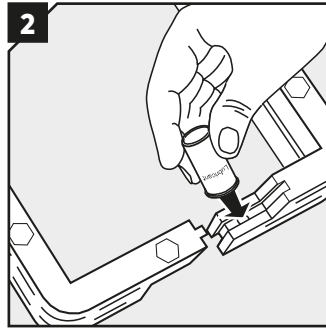Maximum thickness of structure 4 mm. Measures in millimeters (mm).

241
223
139.5
123
50.5
70
70
ø7,3 (8x)
ø9 (8x)*

*When using counterframe in thin structures (up to 1.5 mm) the holes shall be ø9 mm.
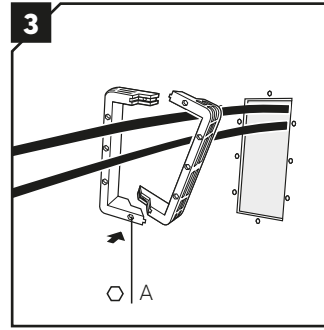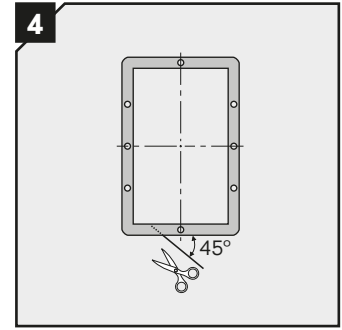
Frame installation
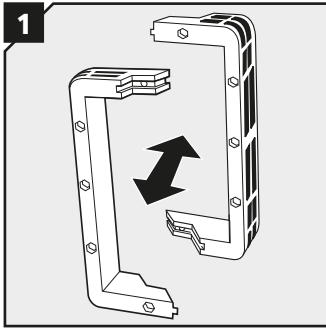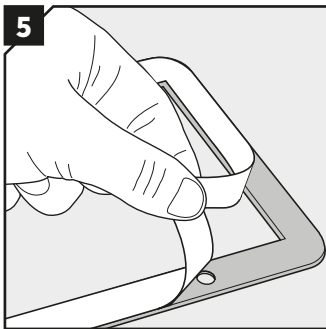
1
Divide the frame into two frame parts.

2
Lubricate all end surfaces of the frame parts with Roxtec Lubricant.
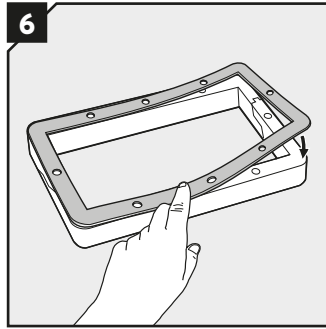
3
Reconnect the frame parts. Recessed bolt holes must point outwards, away from the structure.
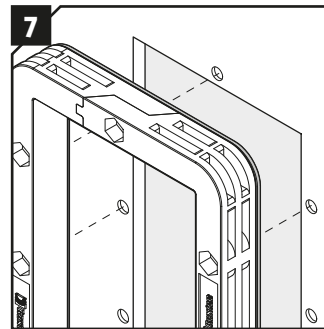
4
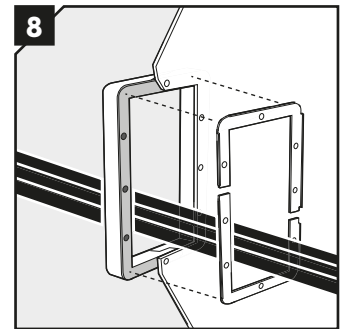If cables are pre-routed, cut the gasket in a 45° angle.

5
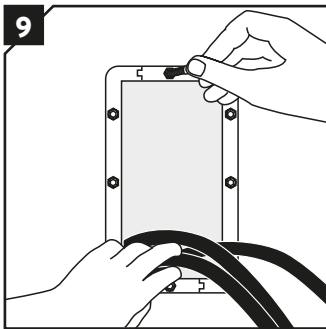Remove the protection foil from the gasket.

6
Apply the adhesive gasket onto the frame part that will face the structure.
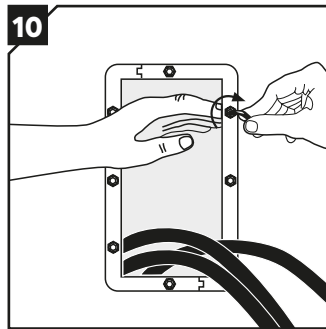
7
The recessed holes shall face outwards.

8
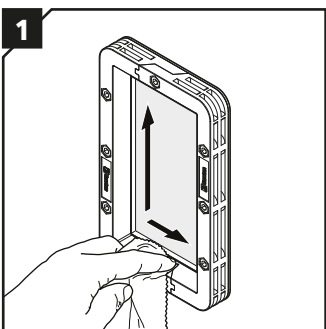For thin structures of 1.5 millimeters or less a C KFO counterframe shall be used.

9
Attach the short sides of the frame to the structure using two of the self-tapping screws.
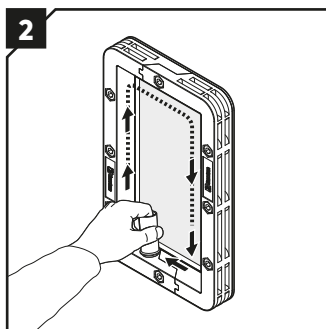
10
Insert and tighten the rest of the self-tapping screws cross-wise in small steps. Do this carefully with thin structures.
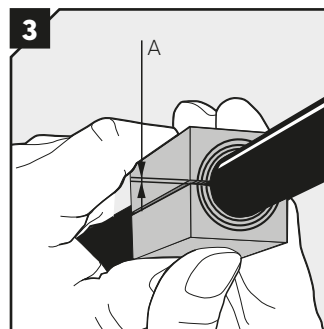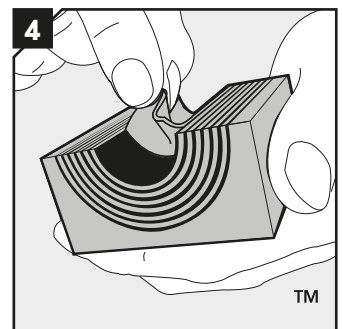
Module installation

1
Clean the frame.

2
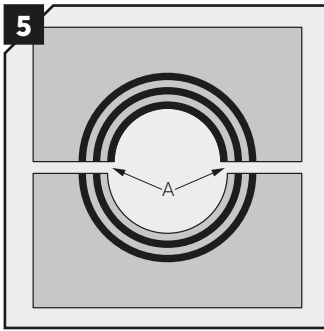Lubricate the frame, especially in the corners.

3
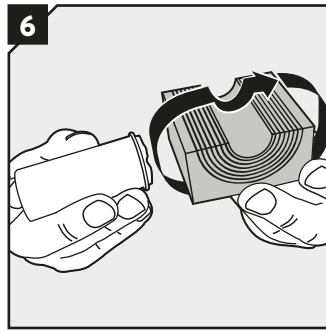Achieve a gap of 0.1-1.0 mm (A) between the module halves by peeling off layers.

4
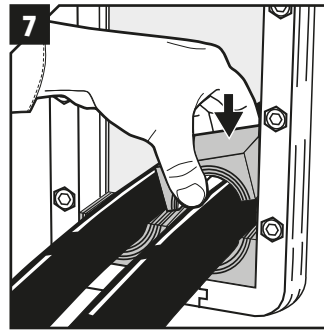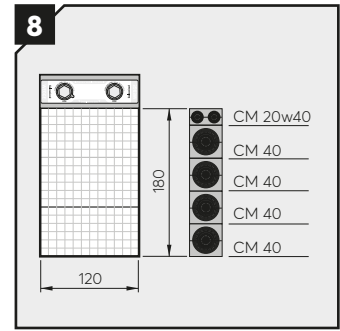Peel off layers from both corresponding module halves.

5

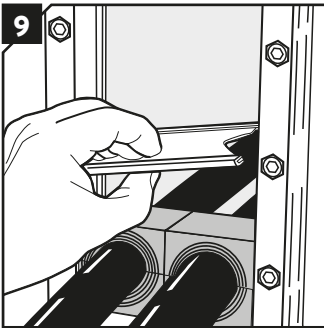The number of layers may not differ (A) by more than one between the corresponding module halves.

6
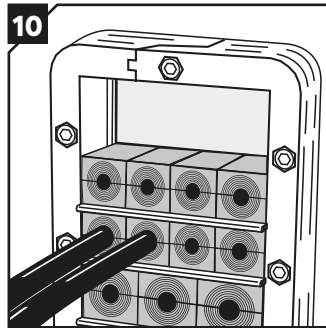
Lubricate the sealing surfaces of all modules.

7

Insert the modules according to your packing plan. Start with the largest modules.
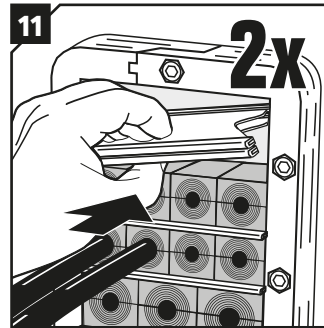
8

CM 20w40
CM 40
CM 40
CM 40
CM 40
180
120

Consider the packing height of the frame. This is an example of a packing plan.
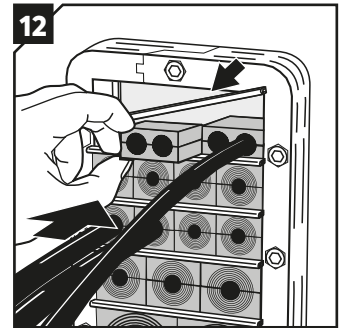
9

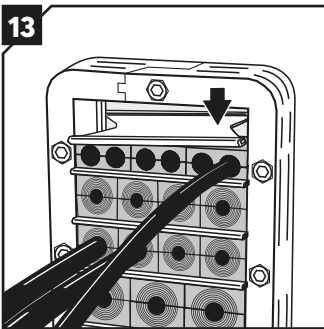Insert a stayplate on top of every finished row of modules.

10

Continue to fill up the packing space of the frame until one row of modules is left.
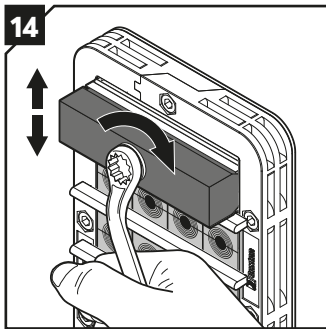
11

2x

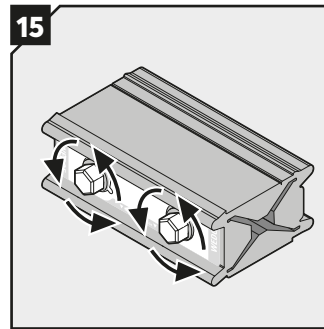Before inserting the final row of modules, insert two stayplates.

12

Separate the two stayplates and insert the final row of modules between the stayplates.
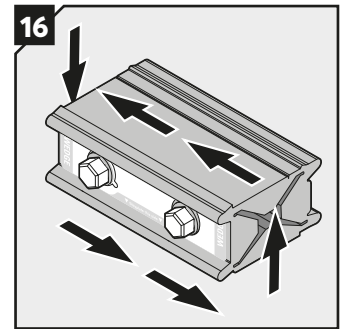
13

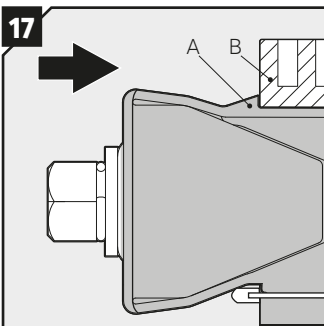Drop the upper stayplate on top of the modules.

14

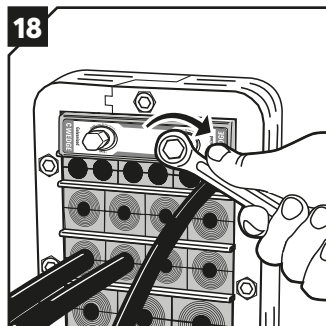Use a Roxtec pre-compression tool to make space for the compression unit if required.

15

Turn the screws of the C wedge counter clock-wise to full stop.

16

Lubricate the sealing surfaces of the C wedge.
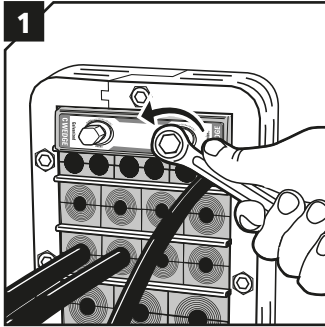
17

A   B

Insert the C wedge so the stop flange (A) makes contact with the frame (B).
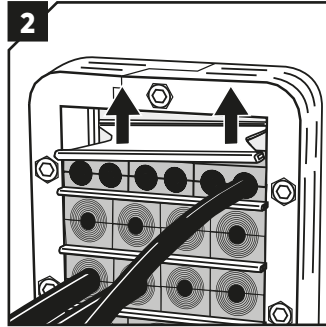
18

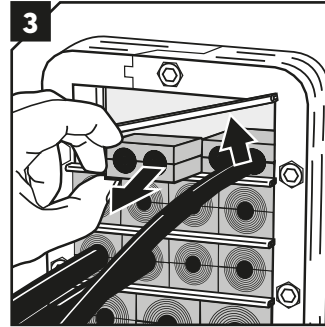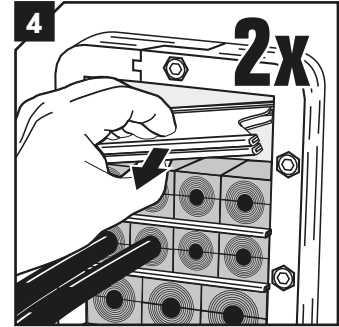Tighten the screws alternately until full mechanical stop, approx. 20 Nm.

Disassembly

1

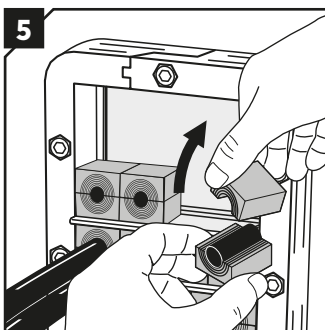Untighten the screws alternately until full mechanical stop. Remove the C wedge.

2

Lift the upper stayplate.

3

Remove the row of modules between the two upper stayplates.

4 2x

Remove the two upper stayplates.

5

Remove the modules needed. Add additional cables. Adapt spare modules according to these instructions.

Note

◉ For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.

◉ The compression unit can be placed anywhere within the frame.

◉ Cables/pipes shall go straight through the transit.

◉ This transit is to be used with CM components only.

◉ Approvals or certificates may include amendments or limitations related to this application.

◉ The latest versions of related documents are found at roxtec.com.