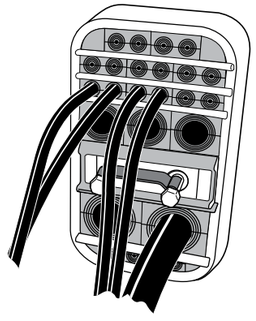
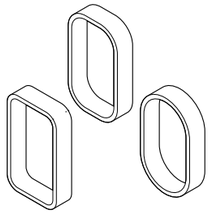
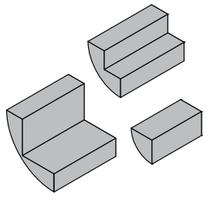
Installation instructions
Roxtec SRC transits



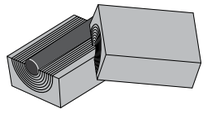
Components



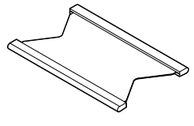
SRC frames



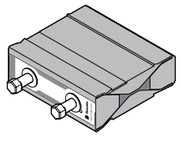
RC (round corner) modules



Roxtec RM sealing modules



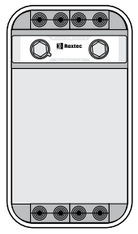
Stayplates



Roxtec Wedge

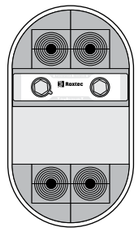
Roxtec Lubricant

Configuration of RC modules

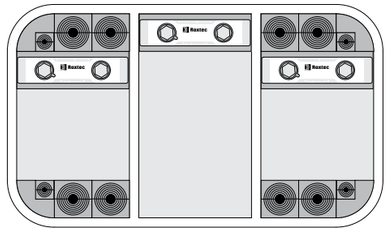


For frames with 20 mm inner radius, place RM 20w40 or RM 20 modules between the RC modules.

For frames with 40 mm inner radius, place one RM 40 and two RM 20 modules between the RC modules.

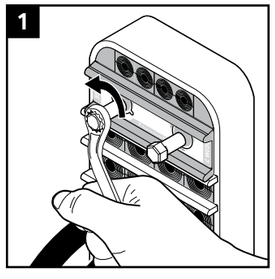


For frames with 60 mm inner radius, place two RM 40 modules between the RC modules.

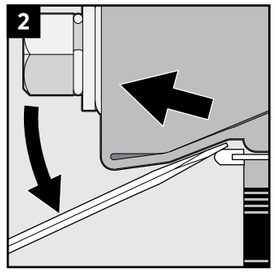


Example of available packing space in combination frames.

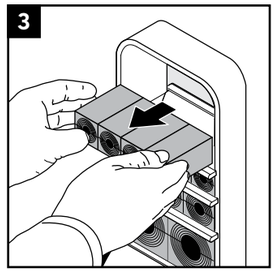
Disassembly



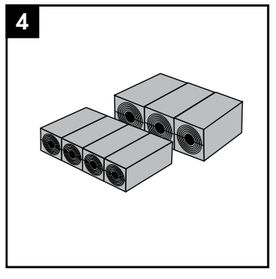
Loosen the screws alternately to full stop. Do not exceed 20 Nm.



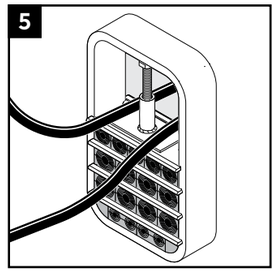
Remove the wedge by lifting it over the stayplate using a flat tool.



Remove the modules required.

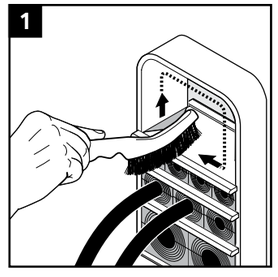


Keep the module rows sorted until reinstallation. If a module needs to be replaced, all modules in that row must be replaced.

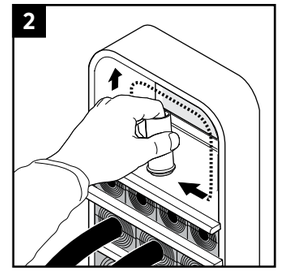


Partially installed openings shall be compressed if left unattended.

Reinstallation



Make sure that the inside surfaces of the exposed packing space are free from dirt or dust.



Lubricate the inside surfaces all around with Roxtec Lubricant. Continue the reinstallation.

Disclaimer

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(b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time.
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After installation inspection

- Are all modules secured by stayplates?
- Are the wedge screws tightened and the wedge clip attached?
- Is there visible protruding lubricant?
- Are there stayplates between every module row?
- Is the wedge correctly oriented ?
- Is the combined height of modules correct according to frame packing height?

Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- To be used with RM components.
- Partially installed openings shall be compressed if left unattended.
- If a module is damaged or replaced, all modules in that row must be replaced.
- Cable/pipe with a considerable weight needs to be supported.
- Approvals or certificates may include amendments or limitations related to this application.
- The latest version of this and related documents are found at roxtec.com.

Tools

- Pre-compression tool (not included)
- Spanner (not included)

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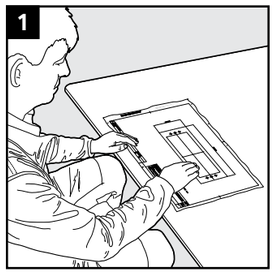
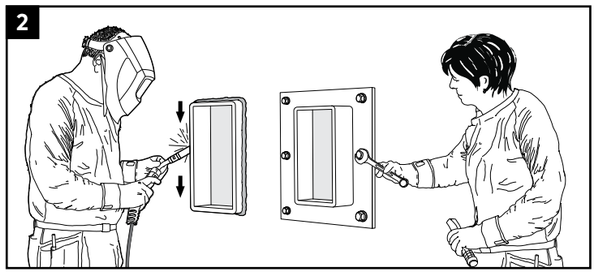
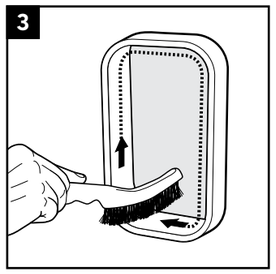
Installation



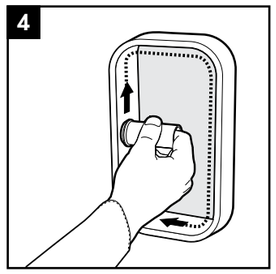
The information drawing for the aperture dimensions is available on roxtec.com.



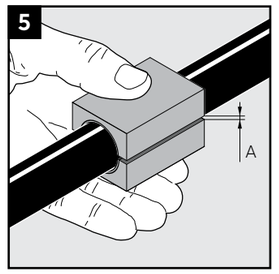
Attach the frame to the structure in line with Roxtec guideline documents.



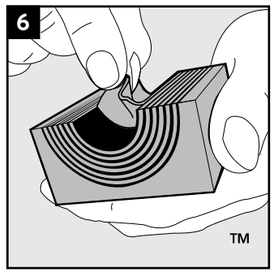
Clean the frame.



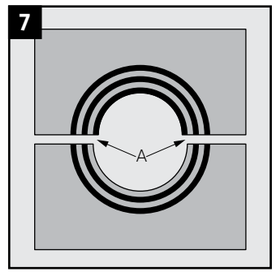
Lubricate the frame with Roxtec Lubricant.



Achieve a 0.1-1.0 mm (A) gap between the two module halves when held against the cable/pipe.

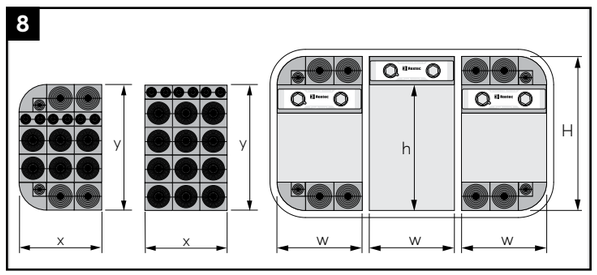


Adapt the modules by peeling off layers.



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

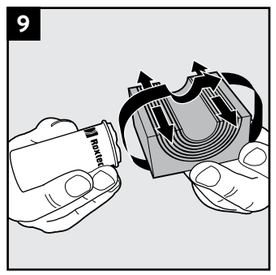
Art No. ASS2004000101 Doc No. ASS2004000101 rev. F



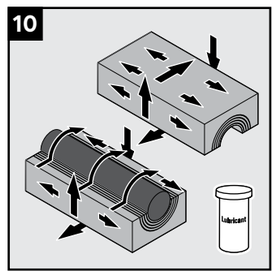
Consider your packing plan when installing modules. The total width (x) and total height (y) of the installed modules shall correspond to the packing width (w) and packing height (h) of the frame.

S	H	w	h
1	101	60	60
2	101	120	60
3	160	60	120
4	160	120	120
5	218	60	180
6	218	120	180
7	278	60	240
8	278	120	240

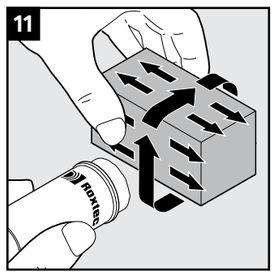
S = Frame size
H = Frame height
w = Packing width
h = Packing height



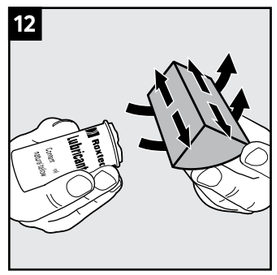
Lubricate all sealing surfaces of the modules.



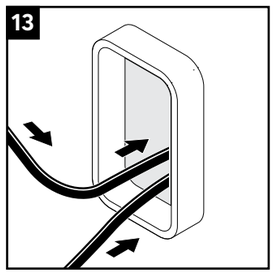
Lubricate the sealing surfaces of the spare modules. Do not remove the core.



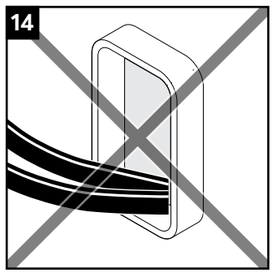
Lubricate the sealing surfaces of the solid modules.



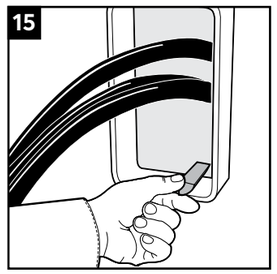
Lubricate the RC modules.



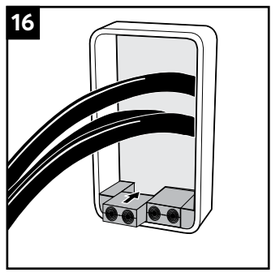
Pull the cables/pipes through. The cable/pipe shall go straight through the frame.



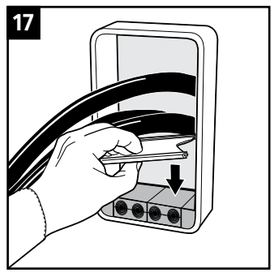
Not acceptable.



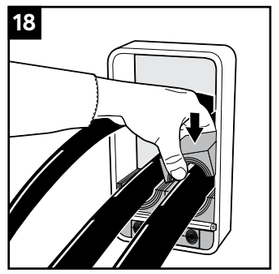
Insert RC modules in the bottom corners.



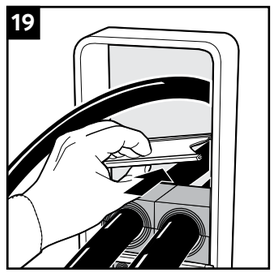
Insert the specified modules between the RC modules.



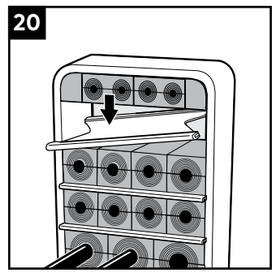
Insert a stayplate.



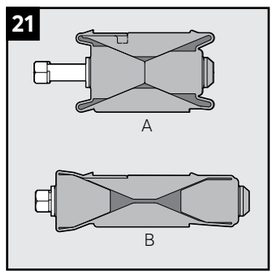
Continue to fill up the packing space of the frame, starting with the largest cables, if possible.



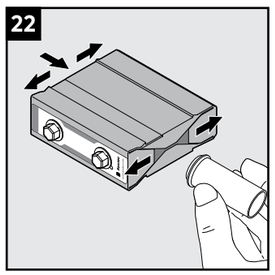
Insert a stayplate on top of every finished row of modules.



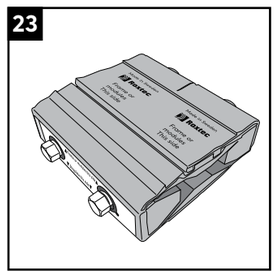
Insert the RC modules in the top corners and insert the specified modules. Install a stayplate.



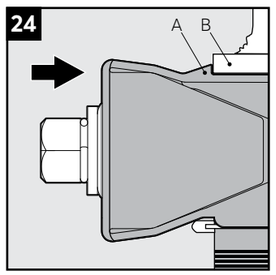
A: Fully compressed wedge. Ensure that the wedge is fully uncompressed (B) by untightening the screws.



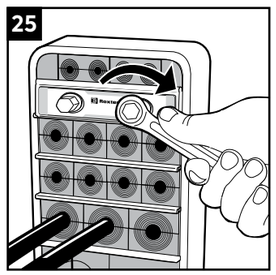
Lubricate the indicated areas of the wedge.



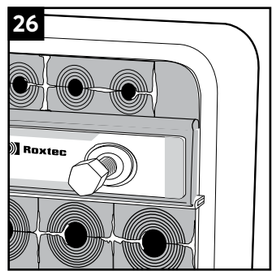
Orientate the wedge according to the markings.



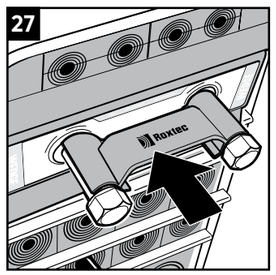
Insert the wedge so the stop flange (A) is in contact with the frame (B).



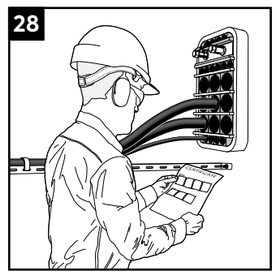
Tighten the screws alternately until full mechanical stop, max 20 Nm.



Excess lubricant is a sign of good compression.



Attach the wedge clip to the wedge screws to complete the installation.



Check additional documentation, if applicable.