



S006000000131 Roxtec Rectangular Systems Instruction Manual

[Home](#) » [ROXTEC](#) » S006000000131 Roxtec Rectangular Systems Instruction Manual 

S006000000131 Roxtec Rectangular Systems Instruction Manual

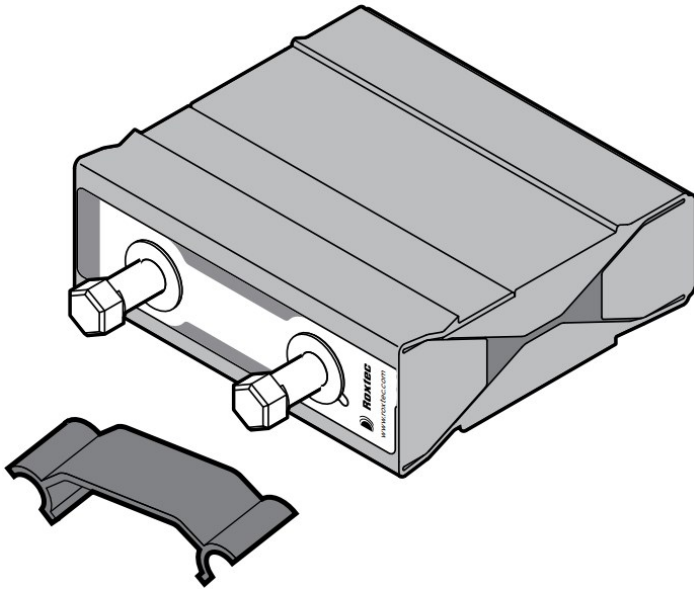


Contents

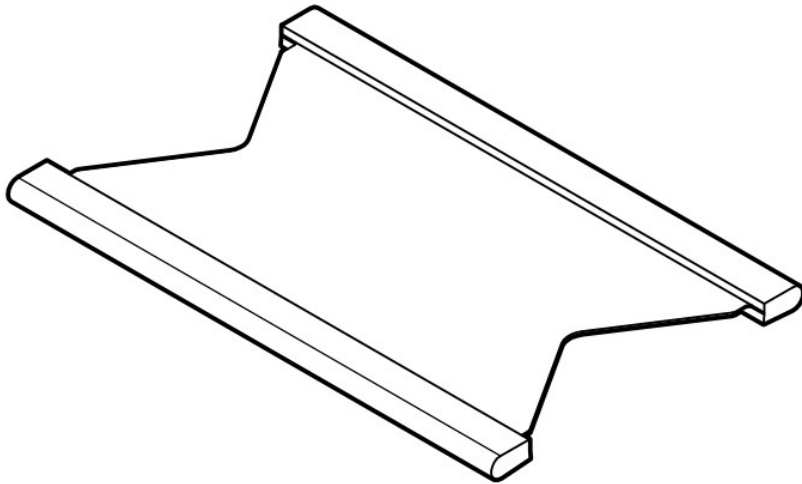
- [1 Components](#)
- [2 Tools](#)
- [3 Frame installation](#)
- [4 Disassembly](#)
- [5 Reinstallation](#)
- [6 Installation](#)
- [7 Disclaimer](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)

Components

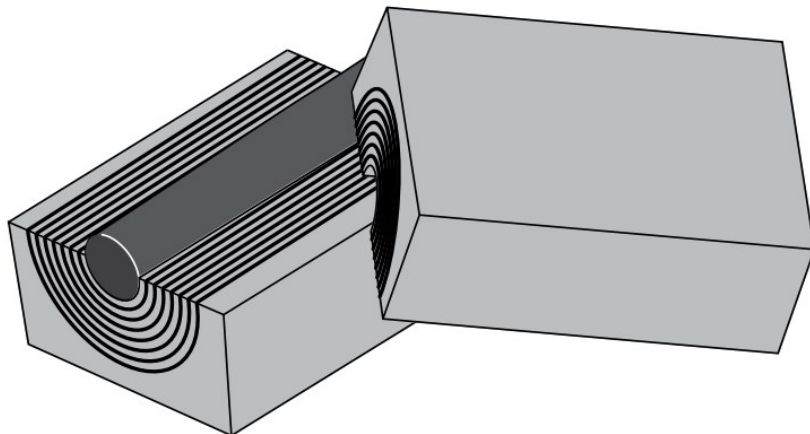
- Roxtec Wedge



- Roxtec Stayplate



- Roxtec RM module

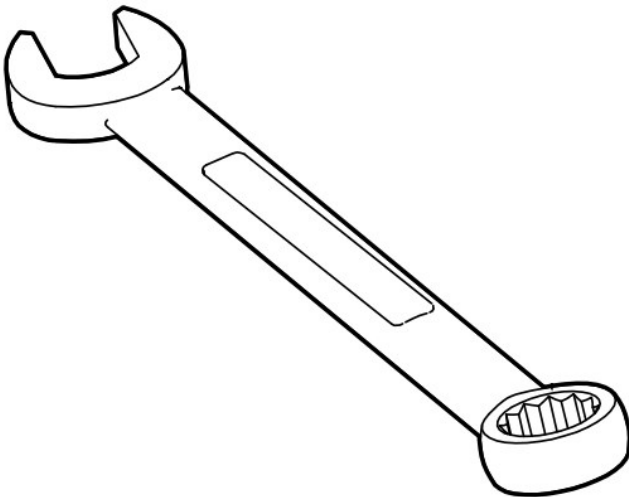


- Roxtec Lubricant

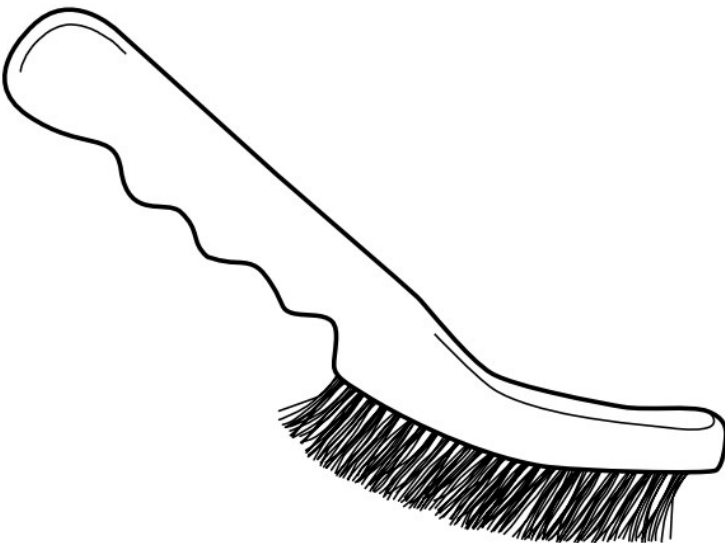


Tools

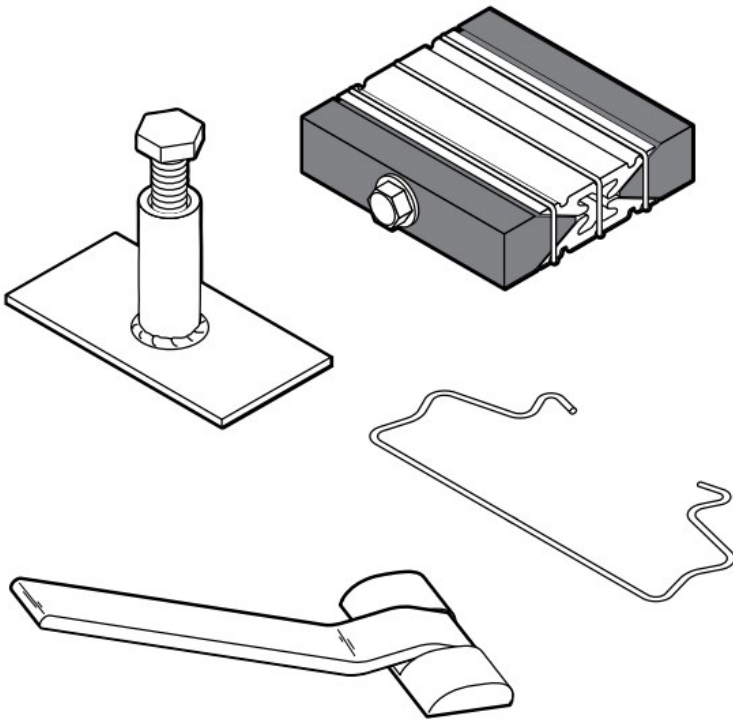
- Spanner 13 mm (not included)



- Brush (not included)

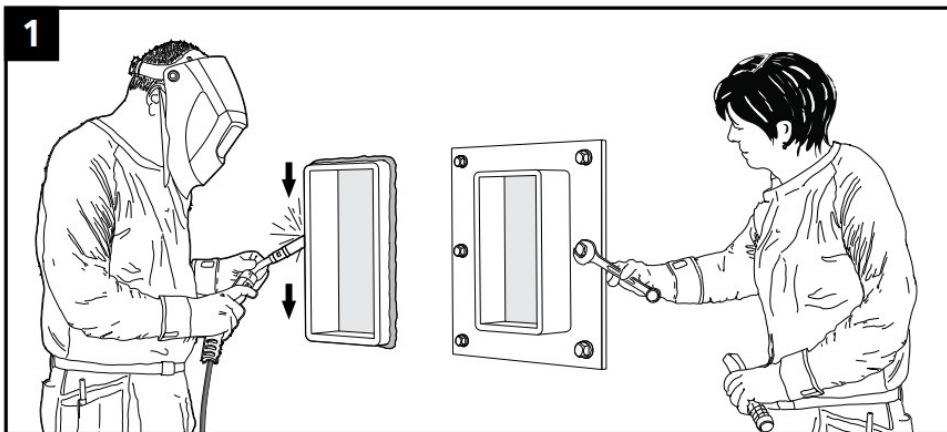


- Roxtec tools (not included)



Frame installation

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



Note

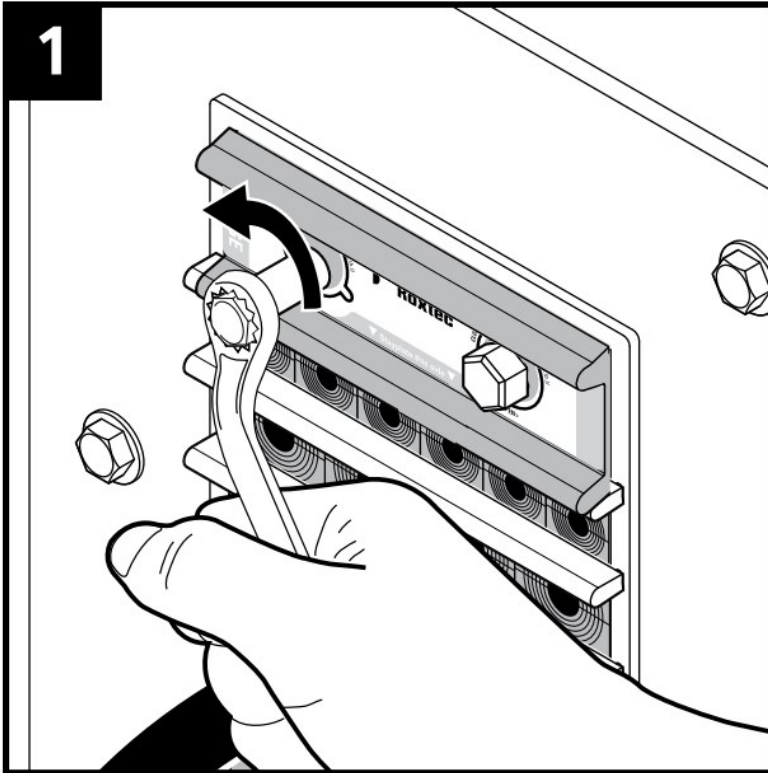
- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Cables/pipes shall be parallel to the frame.
- Cable/pipe with a considerable weight needs to be supported to prevent damage or subsidence to the seal.
- Approvals or certificates may include amendments or limitations related to this application.
- A module with core is spare capacity.
- Placing spare capacity modules close to the wedge is recommended.
- The latest version of this and related documents such as translations, are found at roxtec.com.
- Partially installed openings shall be compressed if left unattended.

After installation inspection

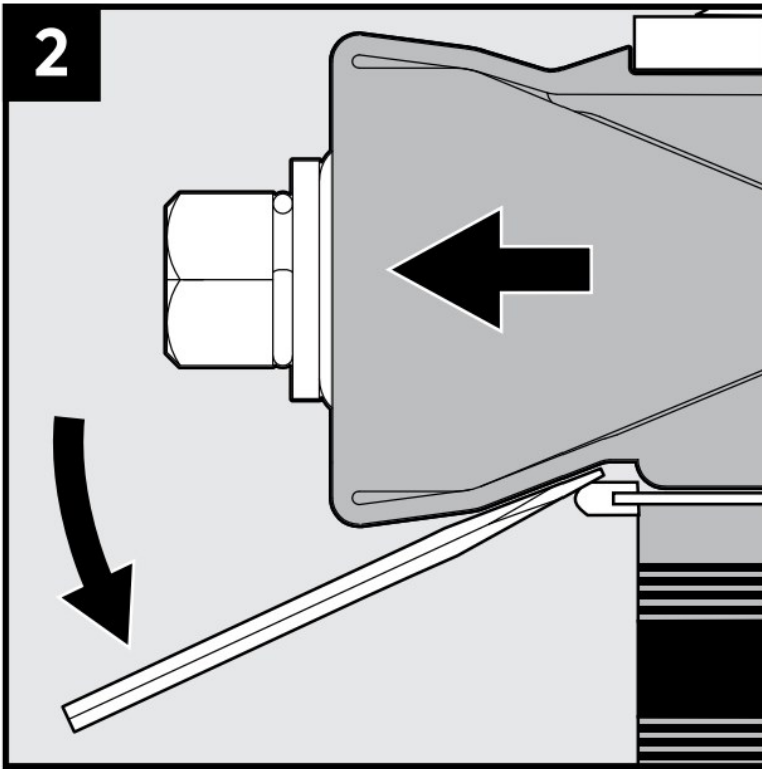
- Are all modules secured by stayplates?
- Are the wedge screws tightened and the wedge clip attached?
- Is there visible protruding lubricant?
- Are there stayplates between every module row?
- Is the wedge correctly oriented ?
- Is the combined height of modules correct according to frame packing height?

Disassembly

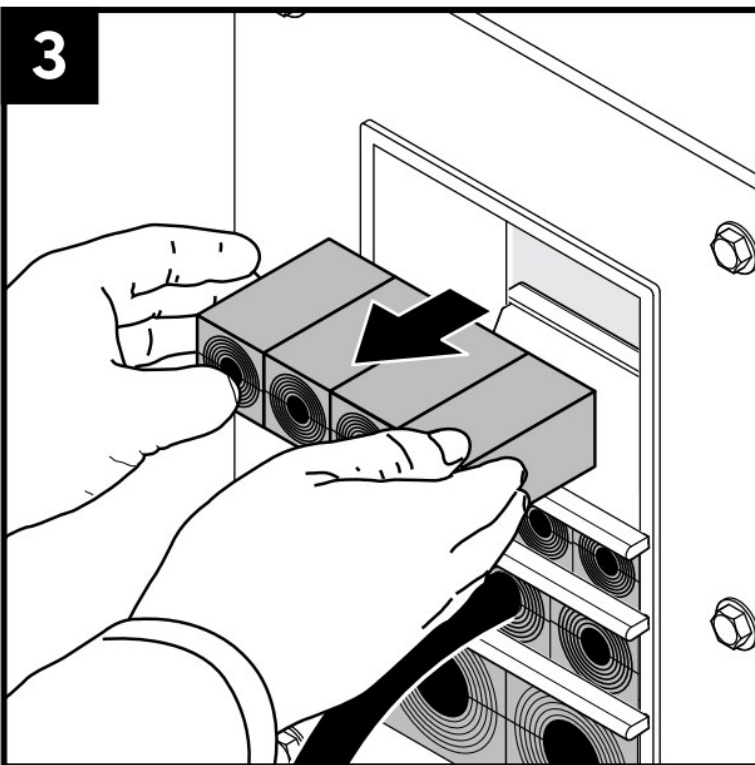
1. Untighten the screws alternately to full stop. Do not exceed 20 Nm.



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

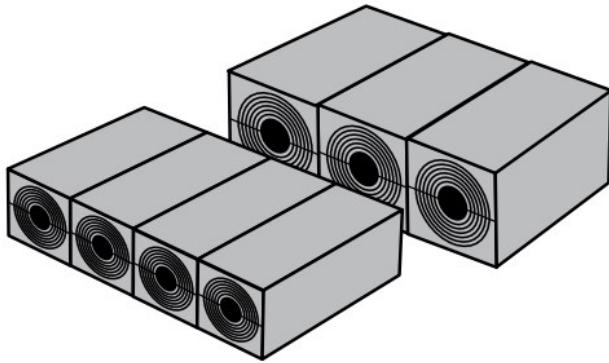


3. Remove the modules required.



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

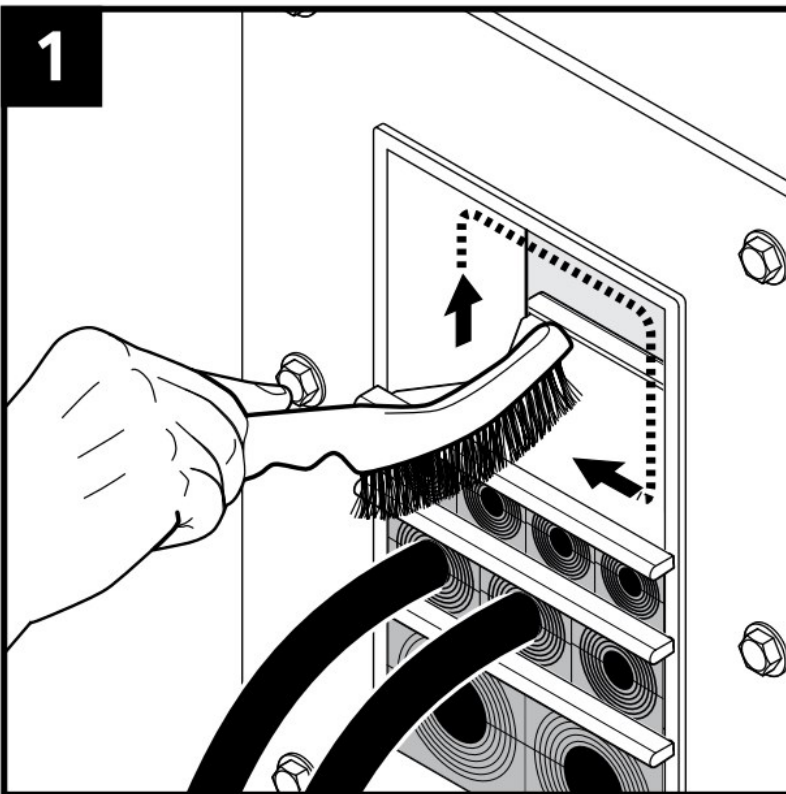
4



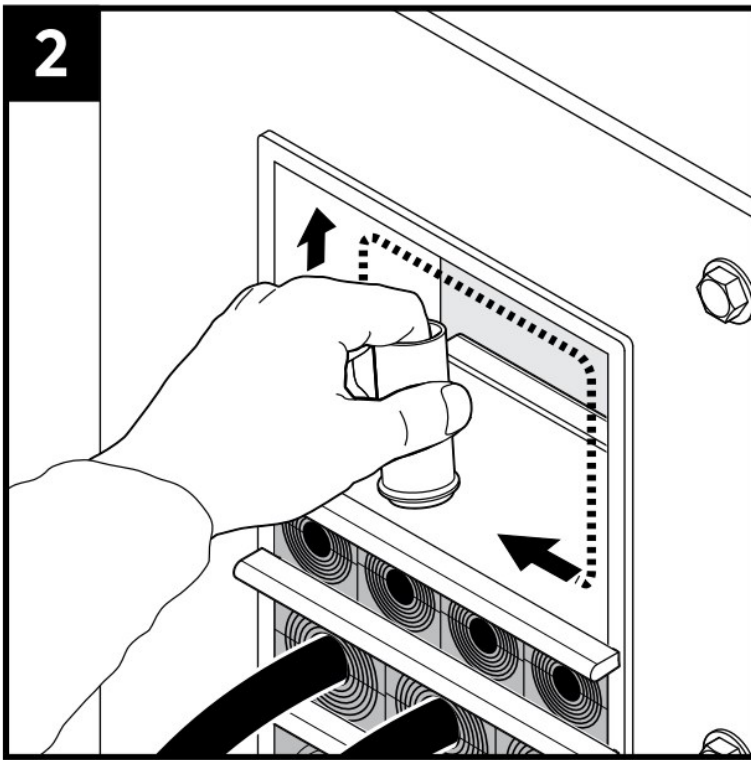
Reinstallation

1. Clean the exposed sealing surfaces.

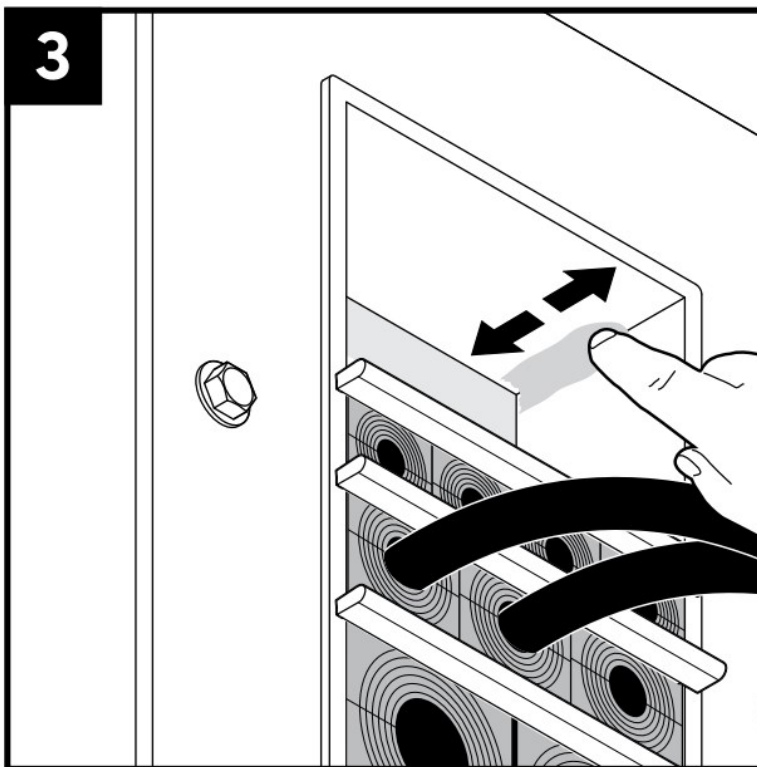
1



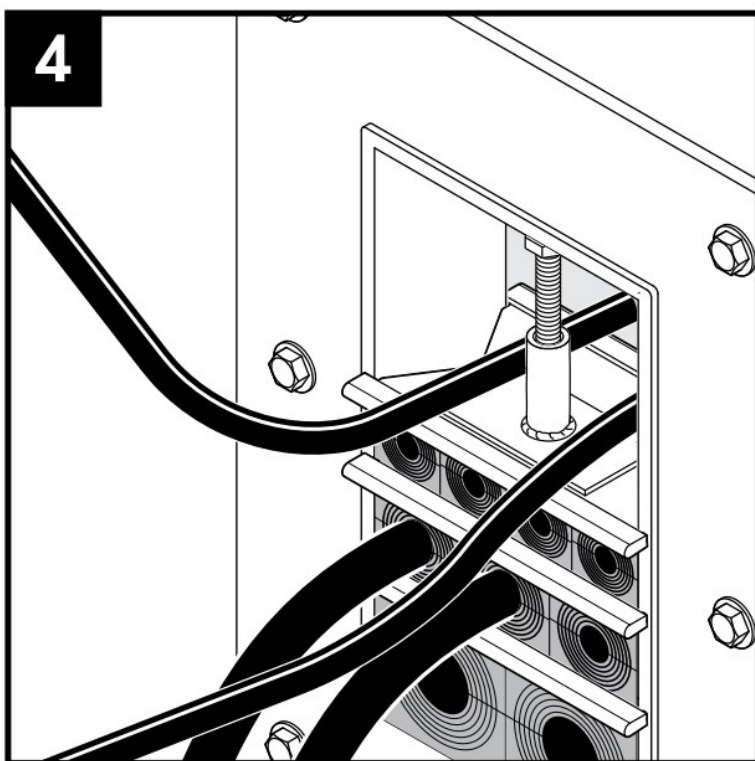
2. Lubricate the exposed sealing surfaces.



3. Lubricate the corners thoroughly.

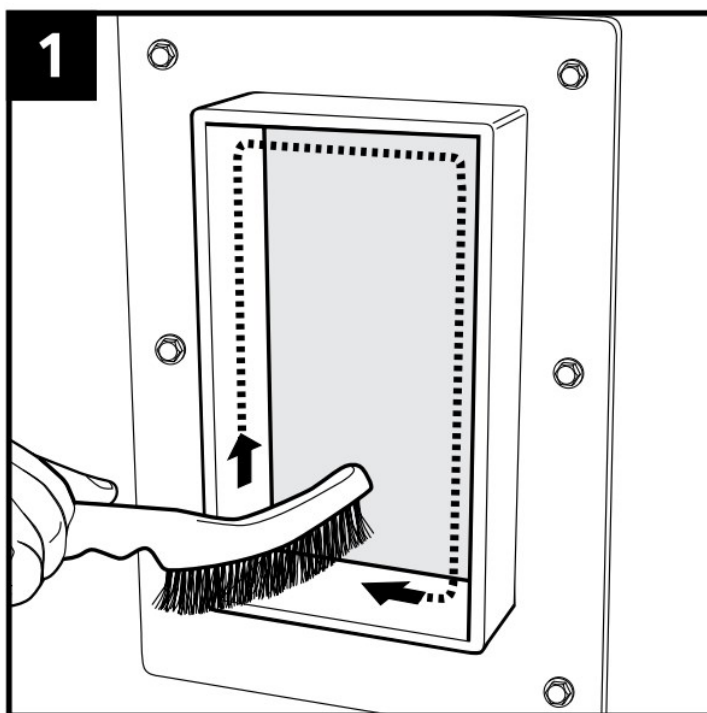


4. Partially installed openings shall be compressed if left unattended. Excess lubricant is a sign of good compression.

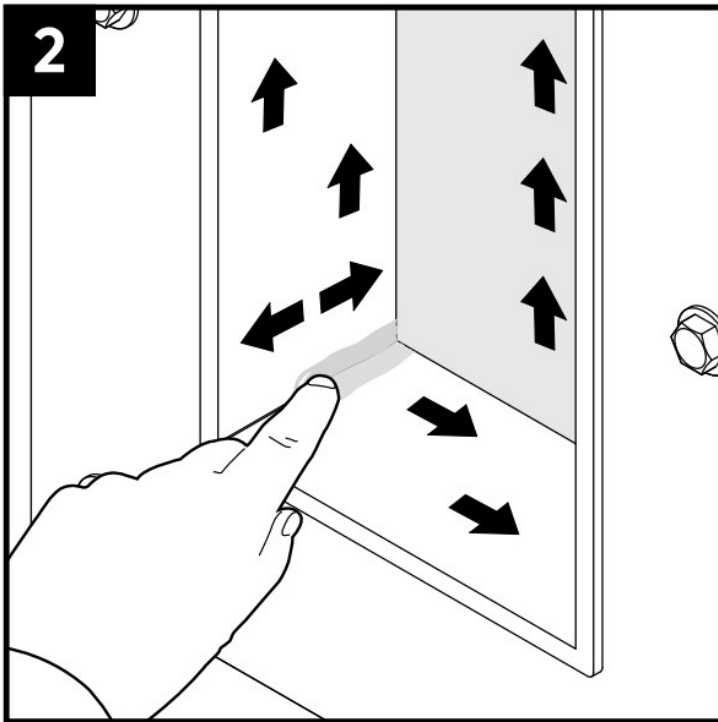


Installation

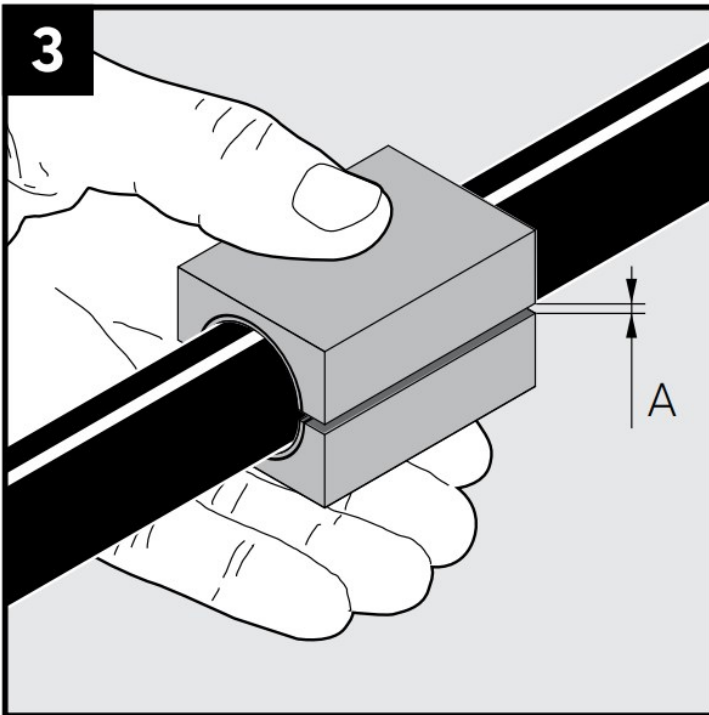
1. Clean the aperture.



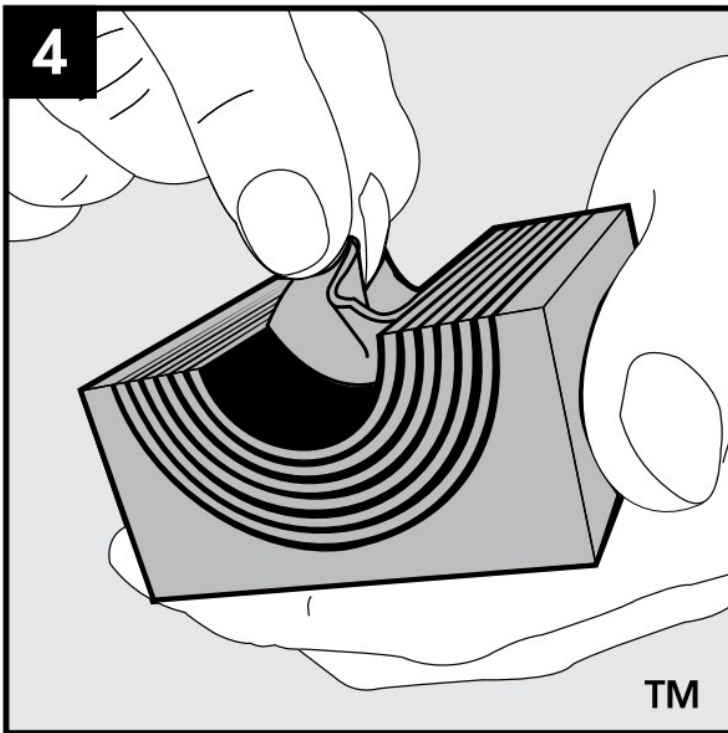
2. Lubricate the sealing surfaces of the frame. Lubricate the corners thoroughly



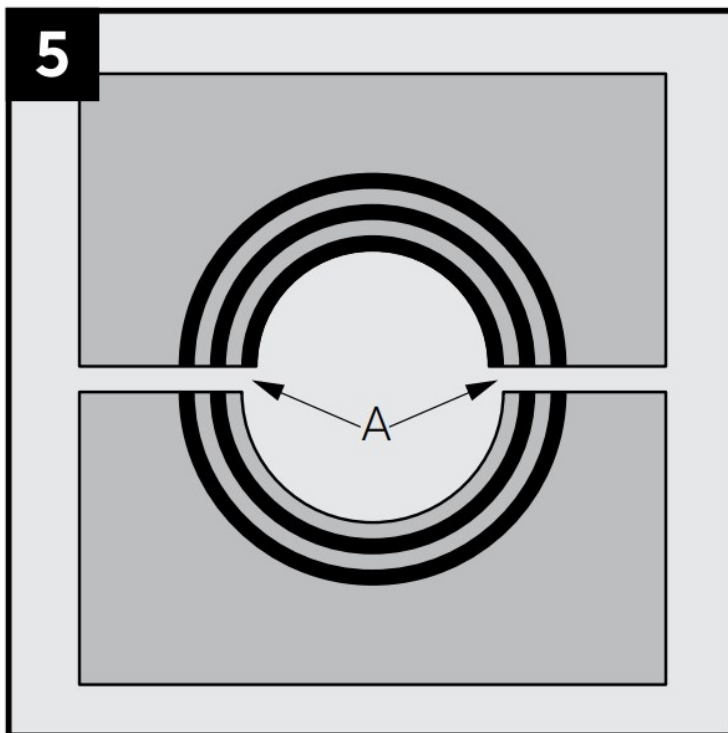
3. Achieve a 0.1-1.0 mm (A) gap between the two module halves when held against the cable/pipe.



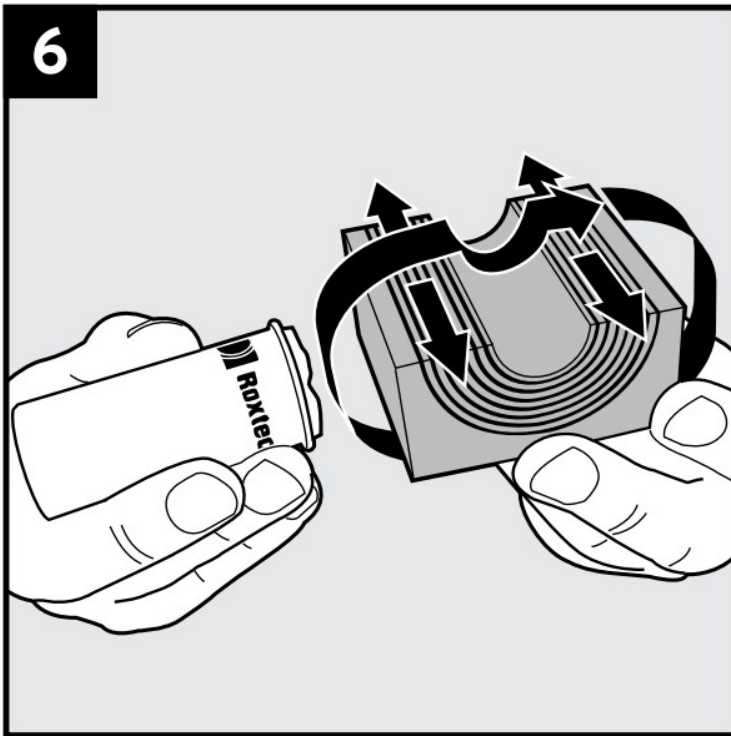
4. Adapt the modules by peeling off layers.



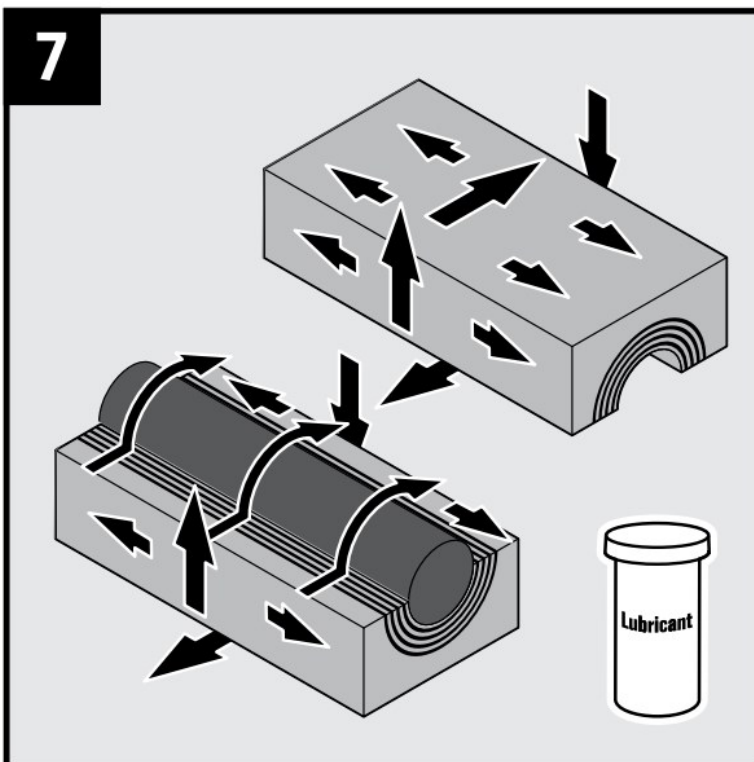
5. The number of layers may not differ (A) by more than one between the corresponding module halves.



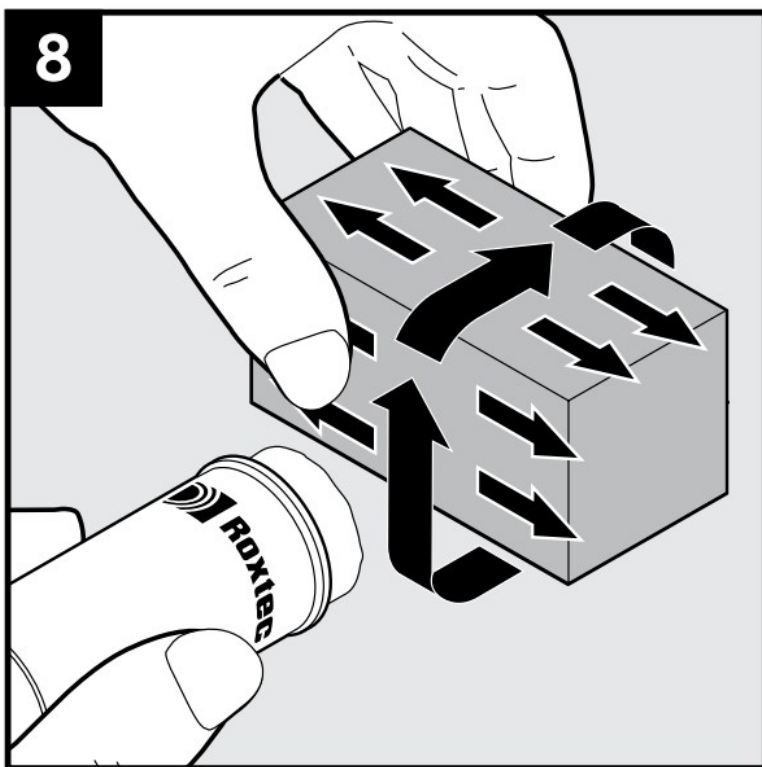
6. Lubricate the sealing surfaces with Rextec Lubricant.



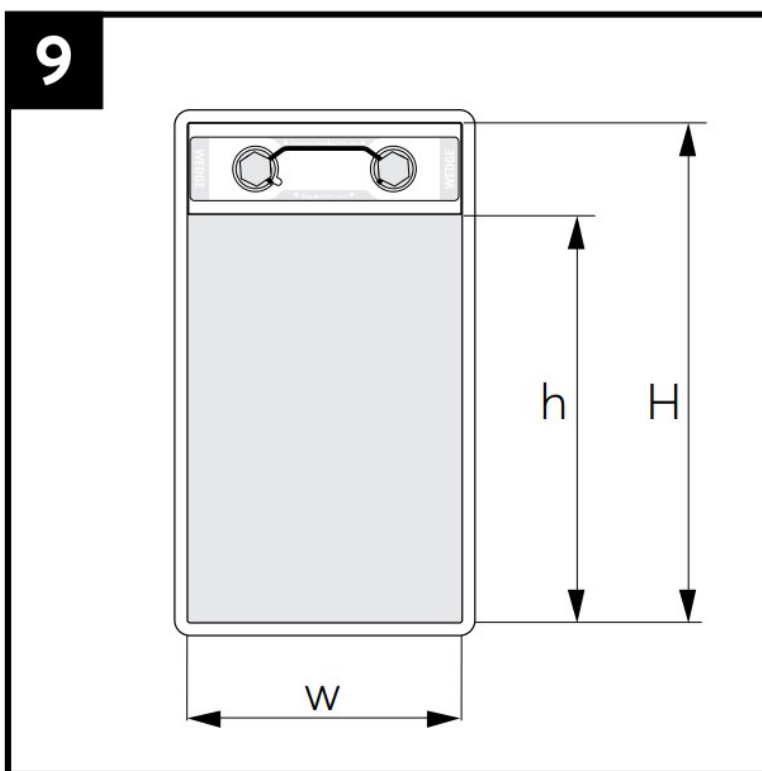
7. Lubricate the sealing surfaces of any spare module. Do not remove the core.



8. Lubricate solid modules on the sealing surfaces.



9. Measure your frame height (H). This decides your packing height (h).



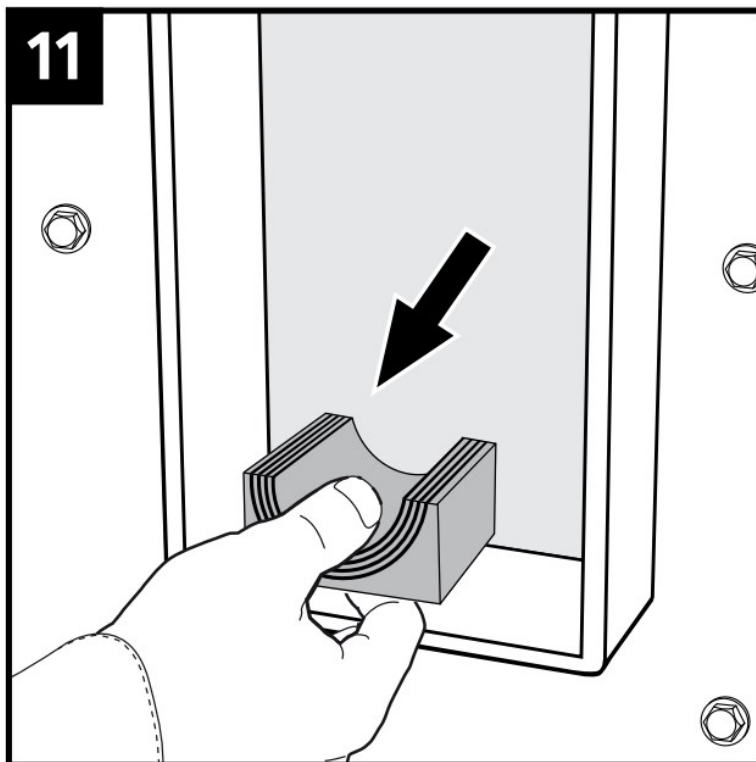
10. The combined height of the modules must correspond to the packing height (h). Consider your packing plan.

10	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

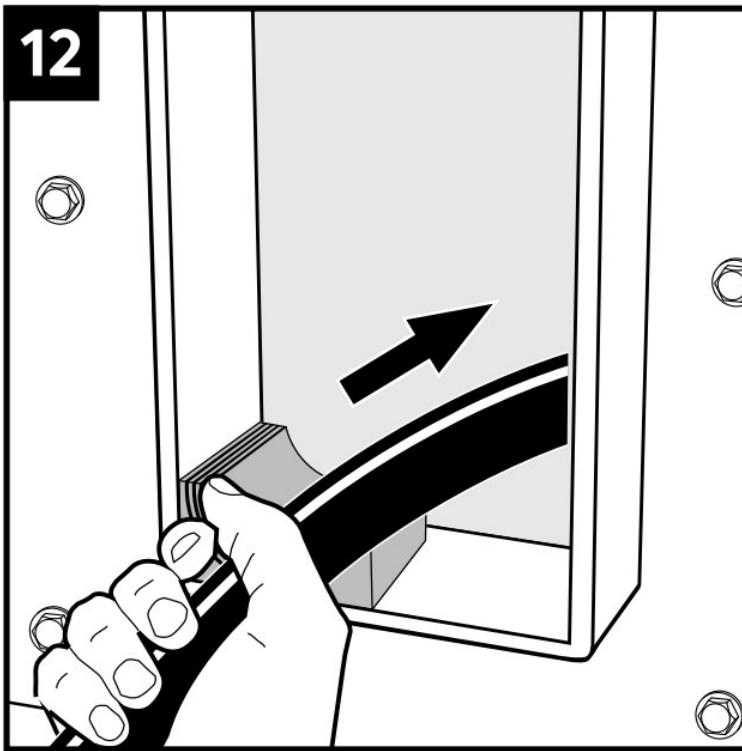
S= frame size.

w= frame width.

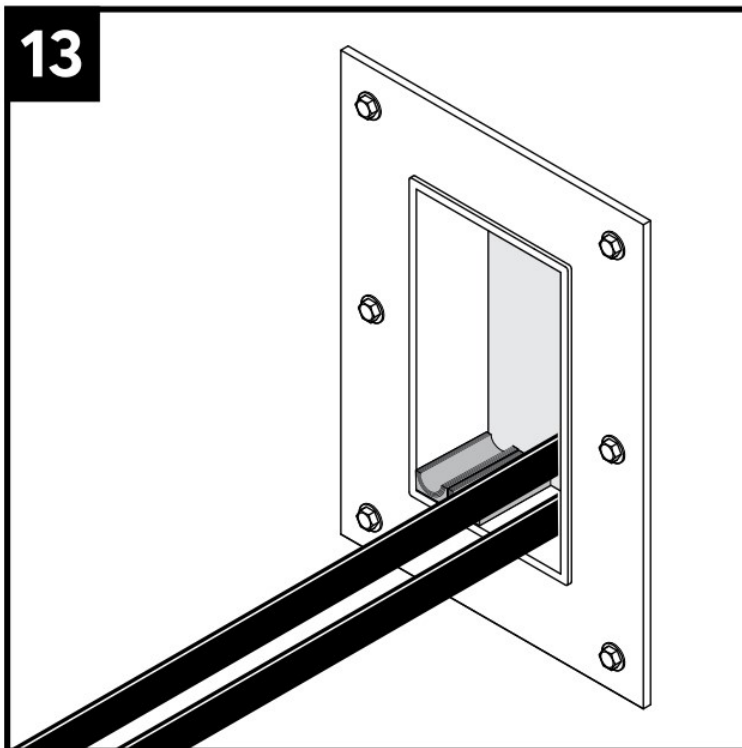
11. Insert a module half.



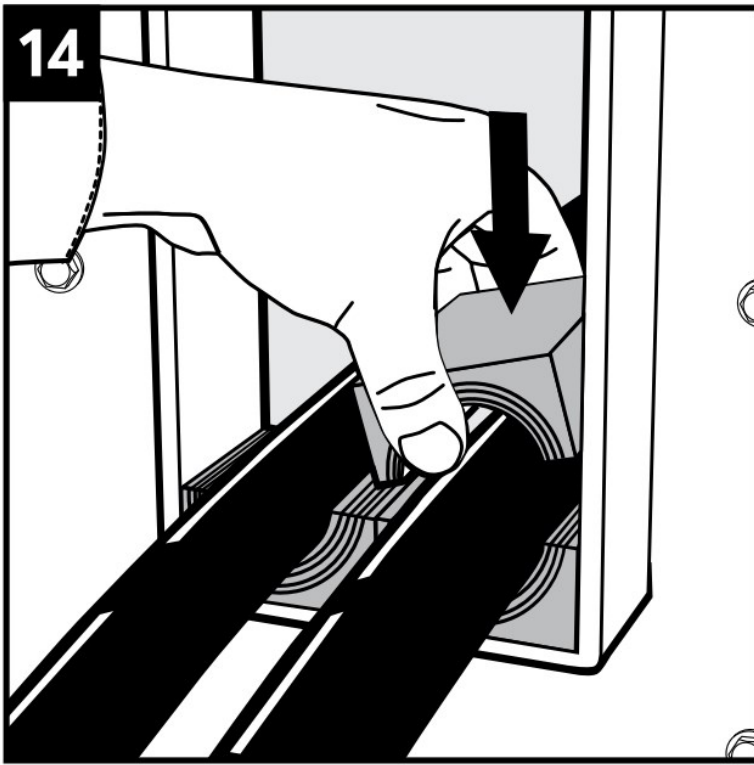
12. Insert a cable.



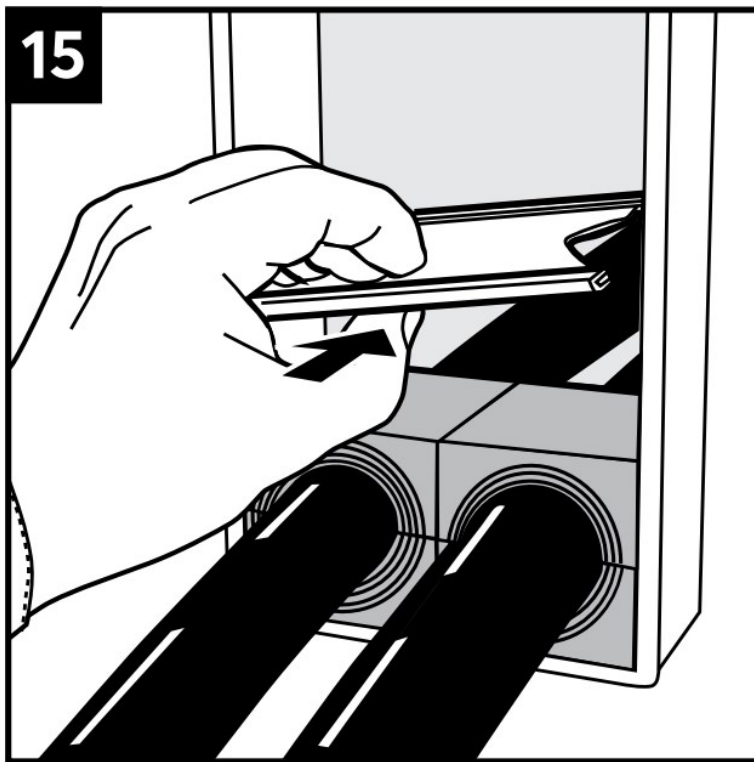
13. Cables shall go parallel to the frame.



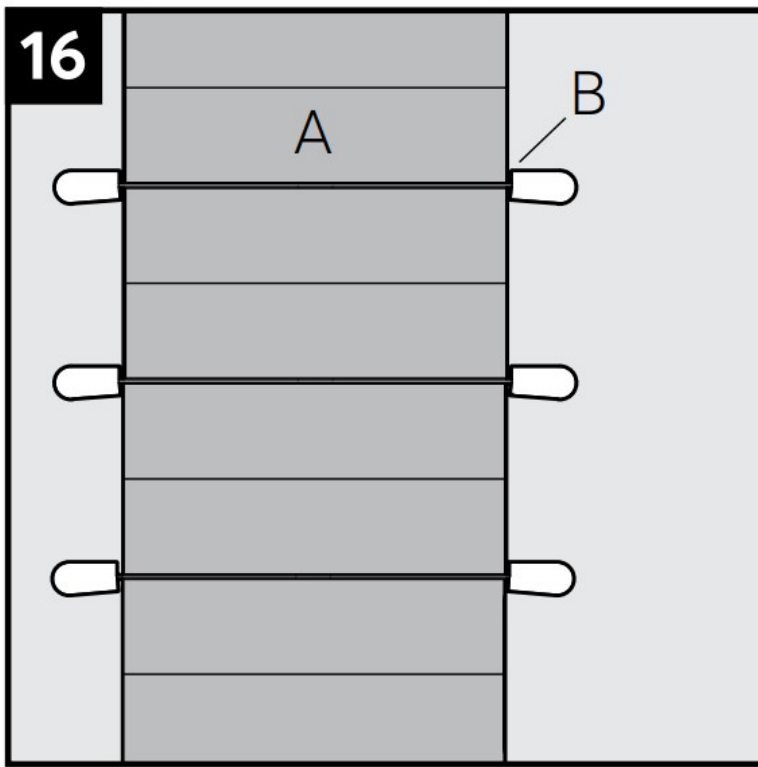
14. Continue to fill the transit considering your packing plan.



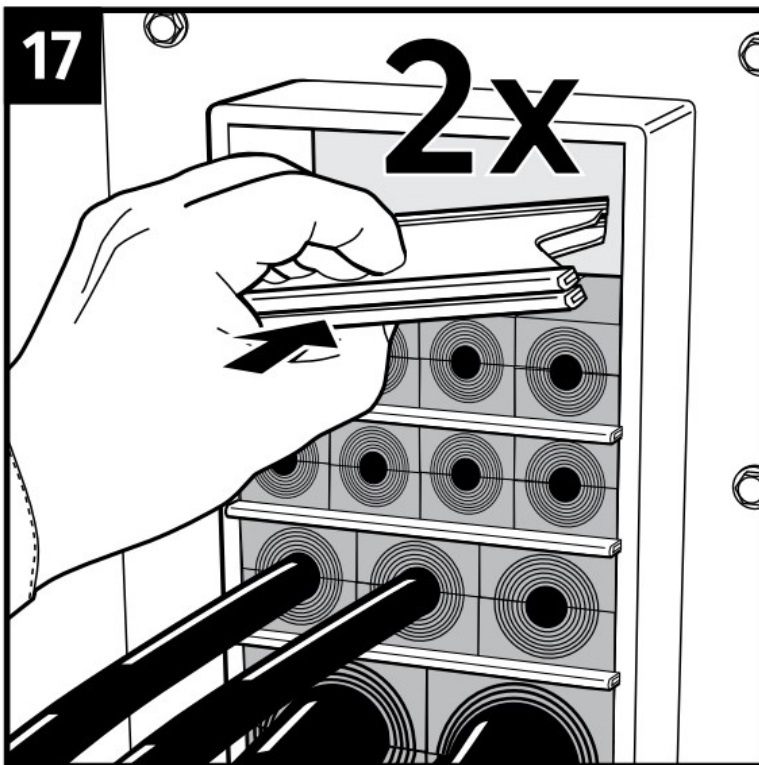
15. Insert a stayplate between every row of modules.



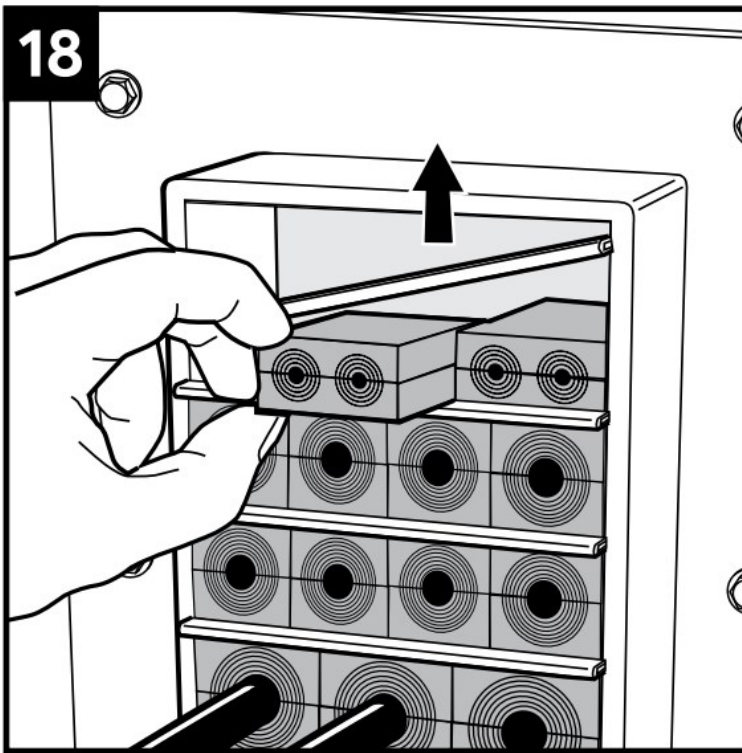
16. Ensure that the modules (A) are secured within the stayplate edges (B).



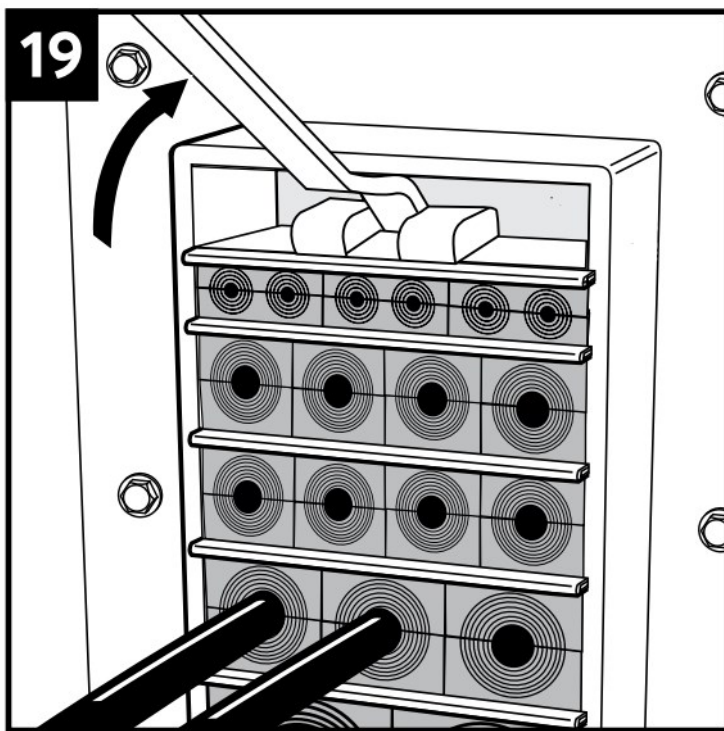
17. Before inserting the final row of modules, insert two stayplates.



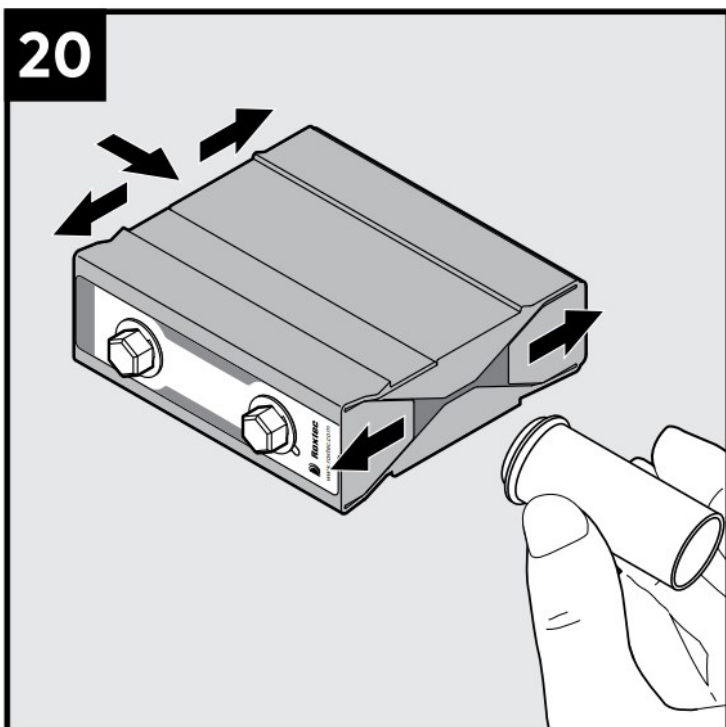
18. Separate the two stayplates and insert the final row of modules between the stayplates.



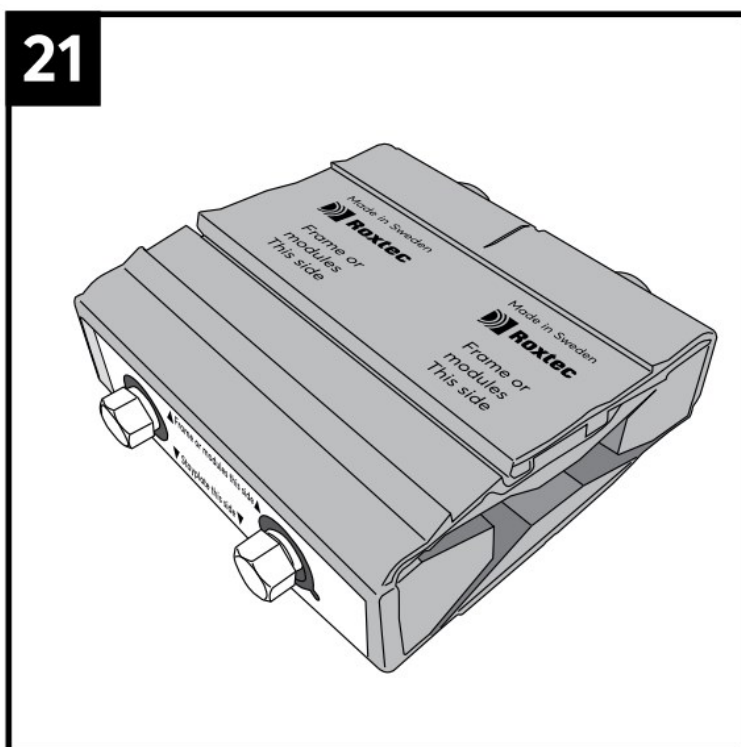
19. A Rortex pre-compression tool can be used to make room for the wedge, if necessary



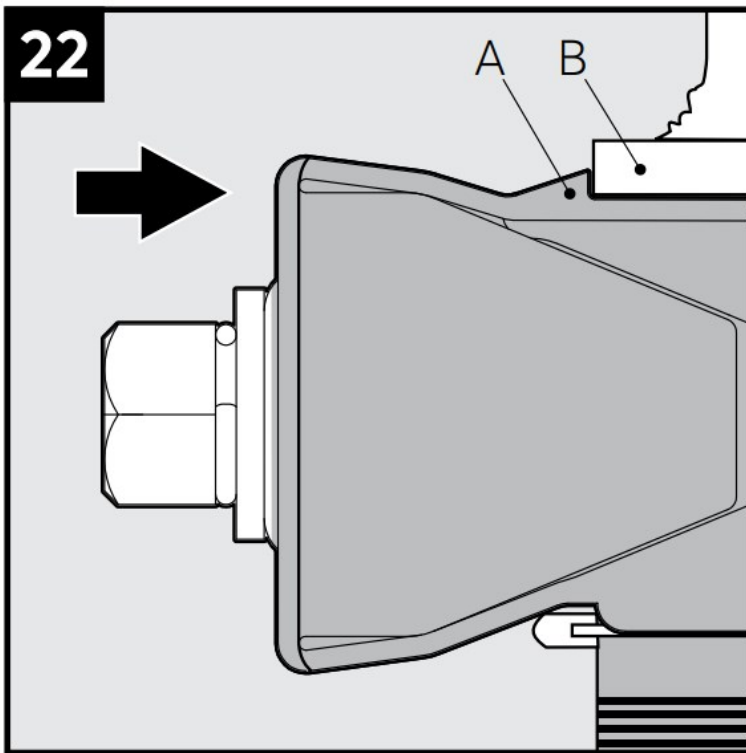
20. Lubricate the indicated areas of the wedge.



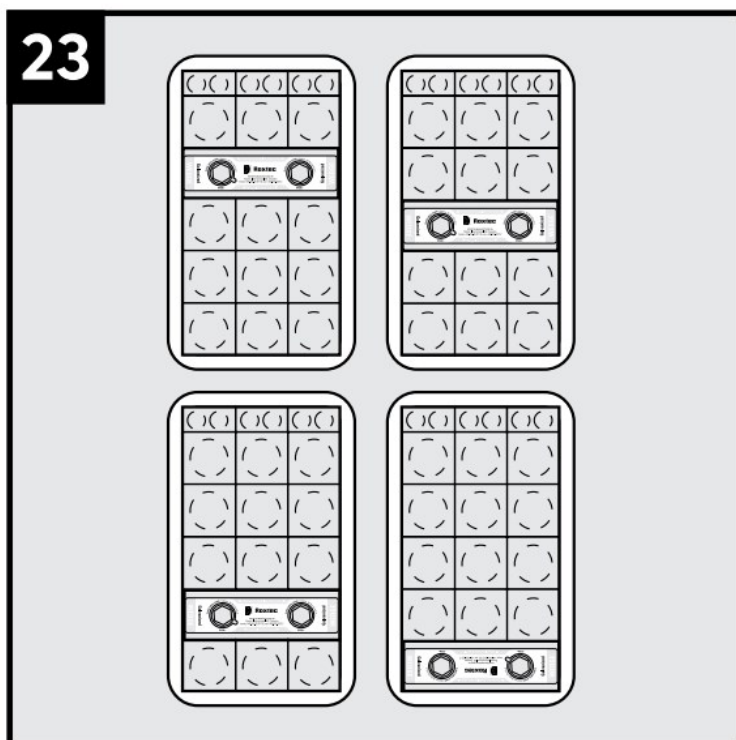
21. Correctly orientate the wedge according to the markings.



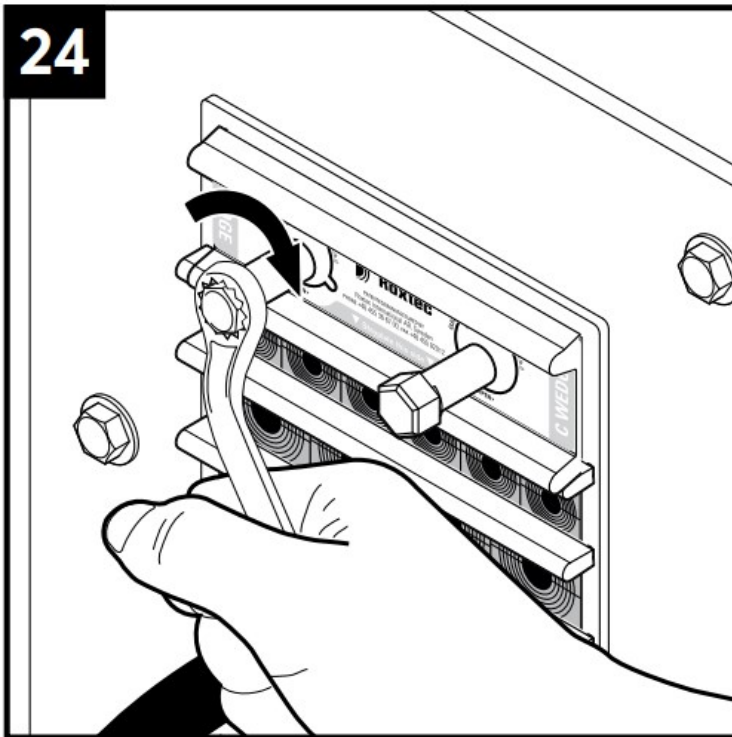
22. Insert the wedge so the stop flange (A) is in contact with the frame (B).



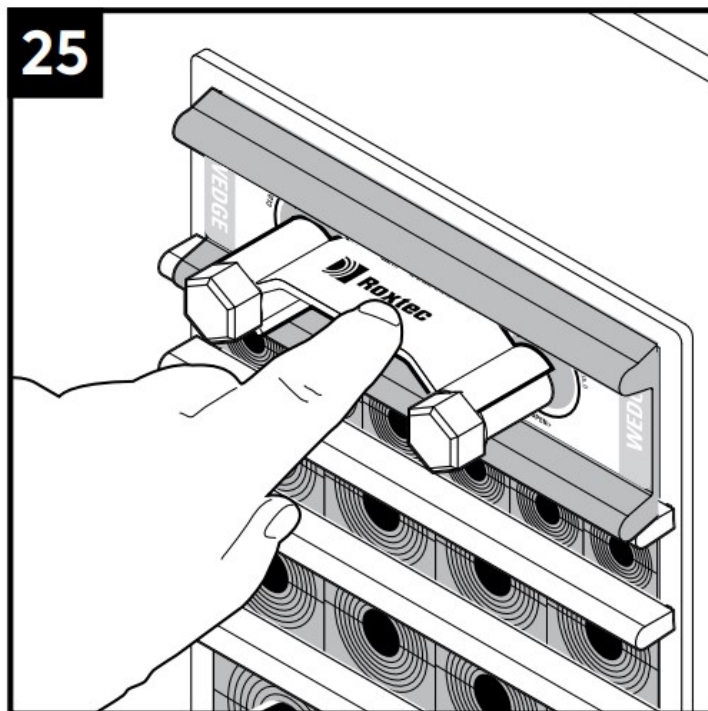
23. The wedge can be placed anywhere in the frame, not just at the top



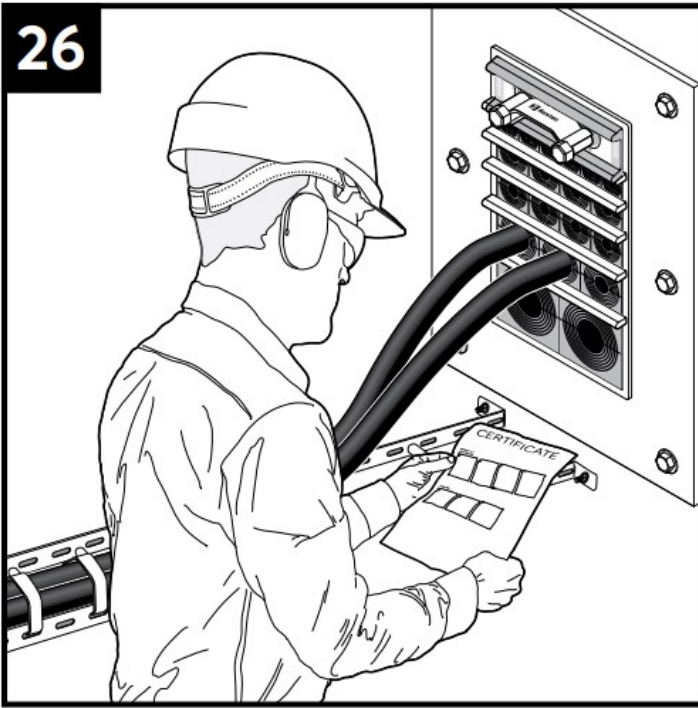
24. Tighten the screws alternately until full mechanical stop, max 20 Nm. Protruding excess lubricant indicates a tight sea



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



26. Check additional documentation, if applicable




Disclaimer

The Roxtec cable and pipe entry sealing system ('the Roxtec system') is a modular-based system of sealing products consisting of different components. Each and every one of the components is necessary for the best performance of the Roxtec system. The Roxtec system has been certified to resist a number of different hazards. Any such certification, and the ability of the Roxtec system to resist such hazards, is dependent on all components that are installed as a part of the Roxtec system. Thus, the certification is not valid and does not apply unless all components installed as part of the Roxtec system are manufactured by or under license from Roxtec ('authorized manufacturer'). Roxtec gives no performance guarantee with respect to the Roxtec system, unless (I) all components installed as part of the Roxtec system are manufactured by an authorized manufacturer and (II) the purchaser is in compliance with (a), and (b), below. (a) During storage, the Roxtec system or part thereof, shall be kept indoors in its original packaging at room temperature. (b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time. The product information provided by Roxtec does not release the purchaser of the Roxtec system, or part thereof, from the obligation to independently determine the suitability of the products for the intended process, installation and/or use.

Roxtec gives no guarantee for the Roxtec system or any part thereof and assumes no liability for any loss or damage whatsoever, whether direct, indirect, consequential, loss of profit or otherwise, occurred or caused by the Roxtec systems or installations containing components not manufactured by an authorized manufacturer and/or occurred or caused by the use of the Roxtec system in a manner or for an application other than for which the Roxtec system was designed or intended. Roxtec expressly excludes any implied warranties of merchantability and fitness for a particular purpose and all other express or implied representations and warranties provided by statute or common law. User determines suitability of the Roxtec system for intended use and assumes all risk and liability in connection therewith. In no event shall Roxtec be liable for indirect, consequential, punitive, special, exemplary or incidental damages or losses. The Roxtec products are offered and sold in accordance with the conditions of the Roxtec General Terms of Sales. The latest version of the Roxtec General Terms of Sales can be found and downloaded from roxtec.com/general-terms-of-sales."

Roxtec International AB Box 540, 371 23 Karlskrona, SWEDEN +46 455 36 67 00, info@roxtec.com
www.roxtec.com

Documents / Resources

	<p>ROXTEC S006000000131 Roxtec Rectangular Systems [pdf] Instruction Manual S006000000131 Roxtec Rectangular Systems, S006000000131, Roxtec Rectangular Systems, Rectangular Systems</p>
---	--

[Manuals+](#).