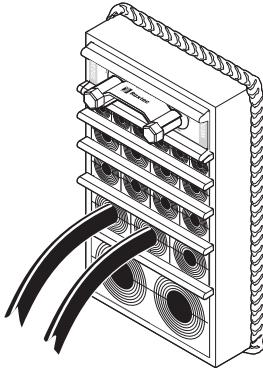




Installation instructions
Roxtec rectangular system



Revision A

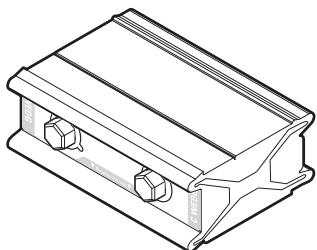


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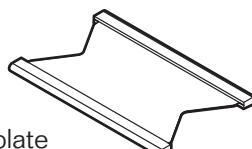
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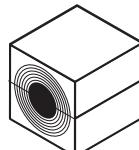
Parts



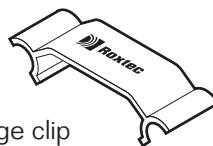
Wedge



Stayplate



Module

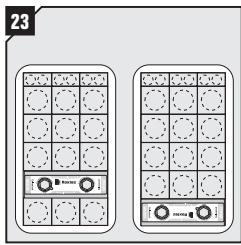
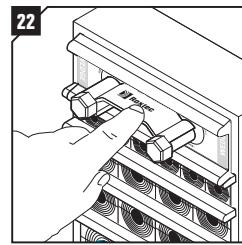
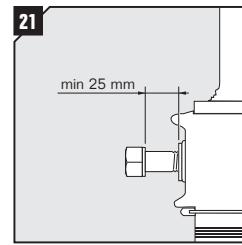
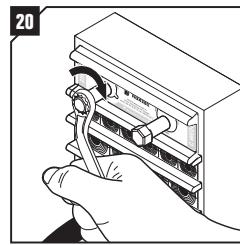
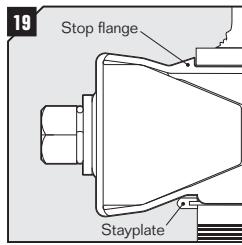
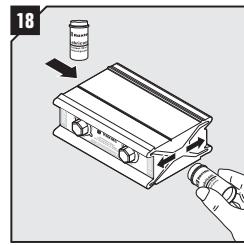
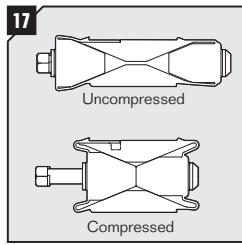
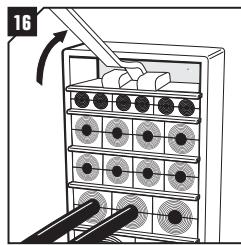
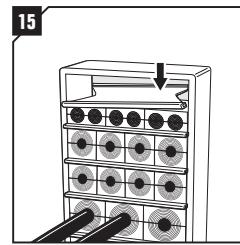
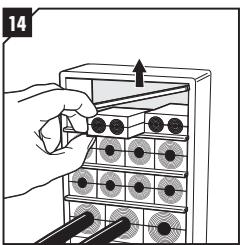
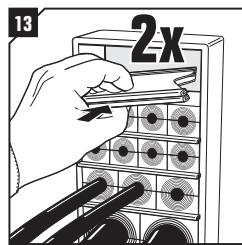
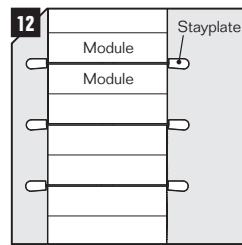
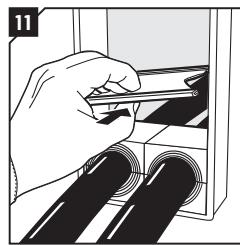
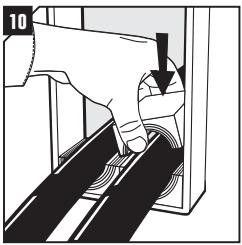
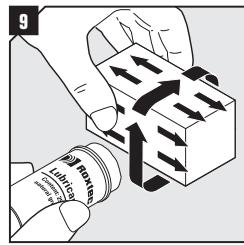
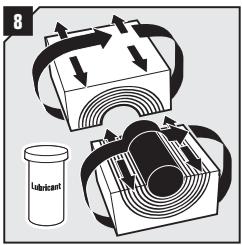
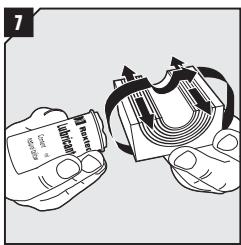
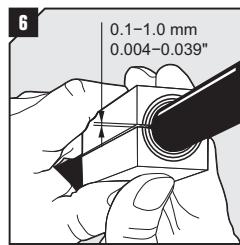
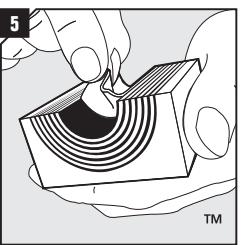
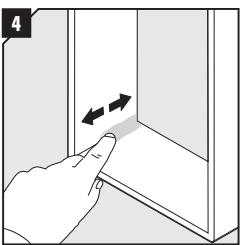
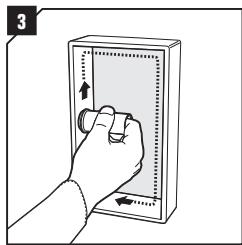
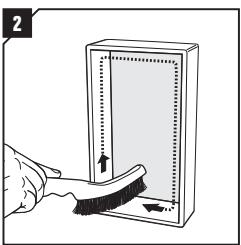
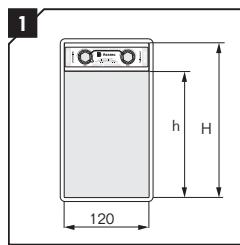


Wedge clip

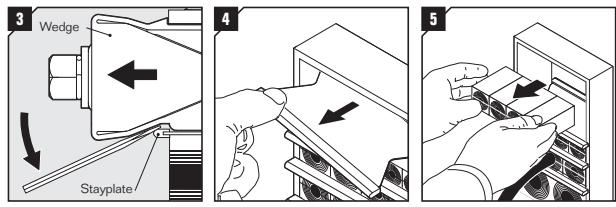
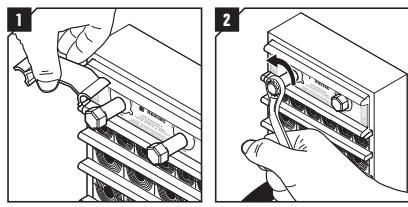


Lubricant

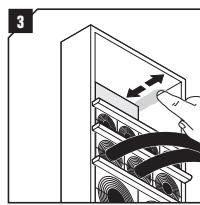
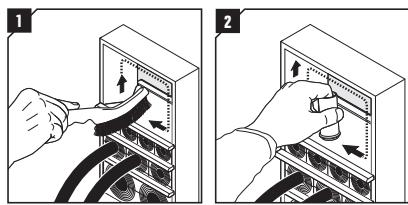
Installation



Disassembly



Re-installation



DISCLAIMER

"The Roxtec cable 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."

Installation

1. Measure your frame height (H). This corresponds to your packing height (h) according to the table. Consider your packing height when inserting the modules.
2. Clean the frame.
3. Lubricate the inside surfaces of the frame all around with Roxtec Lubricant, especially into the corners.
4. See above.
5. Adapt modules, which are to hold cables or pipes, by peeling off layers until you reach the gap seen in pic. 6. The number of layers may not differ by more than one between the halves.
6. Achieve a 0.1–1.0 mm gap between the two halves when held against the cable/pipe.
7. Lubricate all modules thoroughly, both the inside and the outside sealing surfaces.
8. Do not remove the center cores of the spare modules.
9. Lubricate solid modules on the sealing surfaces.
10. Insert the modules according to your installation plan (transit plan). Place the spare modules as close to the wedge as possible to simplify future installations.
11. Insert a stayplate on top of every finished row of modules.
12. Ensure that the modules are secured within the stayplates edges.
13. Before inserting the final row of modules, insert two stayplates.
14. Separate the two stayplates and insert the final row of modules between the stayplates.
15. Drop the upper stayplate on top of the modules.
16. If there is not enough room for the wedge, insert the optional Roxtec pre-compression tool.
17. Ensure that the wedge is fully uncompressed by untightening the screws of the wedge before inserting the wedge.
18. Lubricate the short sides of the wedge.
19. Orientate the Wedge so the face marked "Stayplate this side" faces a stayplate. Insert the Wedge to the stop flange. Ensure that the Wedge is accommodated and secured by the stayplate.
20. Tighten the screws alternately until full mechanical stop, approx 20 full revolutions per screw. Do not exceed 20 Nm (15 ft.lb.).
21. 25 mm of the screws shall be exposed.
22. Attach the Wedge Clip to the wedge screws to complete the installation.
23. Optional wedge positions (anywhere in frame).

Packing space

Frame height (H)	Packing height (h)	Frame size
101	60	2
160	120	4
218	180	6
278	240	8

Disassembly

1. Remove the wedge clip from the wedge.
2. Release the compression by loosen the screws alternately to full stop. Do not exceed 20 Nm (15 ft.lb.).
3. Insert a flat tool between the wedge and the stayplate to simplify removal of the Wedge. Roxtec special tools are available.
4. Remove the stayplate.
5. Remove the modules required. Keep the rows sorted until it's time to re-install the transit. If a module is damaged or replaced, all modules in that row must be replaced.

Re-installation

1. Make sure that the inside surfaces of the exposed packing space are free from dirt or dust.
2. Lubricate the inside surfaces all around with Roxtec Lubricant, especially into the corners.
3. See above.
4. Continue the re-installation from step 5.

- Wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Wedge is to be used with: RM components.
- Cables shall go straight through the frame.
- Amendments to this installation instruction is available at www.roxtec.com.
- Ensure that the wedge clip is attached to the wedge bolts.