

Installation Instructions Roxtec GHM frame

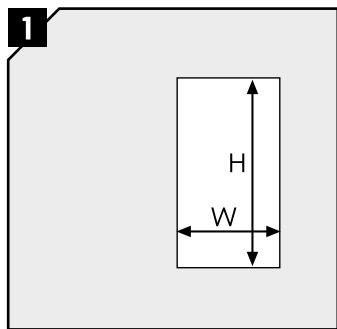
GHM frame, aperture dimensions for bolted installations

Frame	Height tolerance ± 5 mm, ±0.197"		Width tolerance ± 5 mm, ±0.197"									
	(mm)	(in)	x1	x2	x3	x4	x5 (mm)/(in)	x6	x7	x8	x9	x10
GHM 2	128	5.039	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 2+2	241	9.488	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 2+2+2	350	13.780										
GHM 4	187	7.362	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 4+4	358	14.094										
GHM 4+4+4	530	20.866	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 6	245	9.646										
GHM 6+6	475	18.701	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 6+6+6	705	27.756										
GHM 8	305	12.008	148 5.827	278 10.945	409 16.102	539 21.220	670 26.378	800 31.496	931 36.654	1061 41.772	1192 46.929	1322 52.047
GHM 8+8	595	23.425										
GHM 8+8+8	885	34.843										

Theoretically recommended dimensions

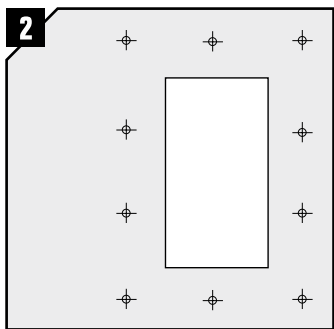
GHM frame installation, Bolting

1



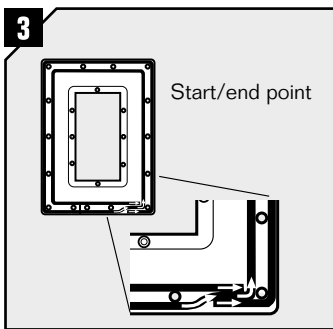
Mark a rectangular opening according to size (see above table).

2



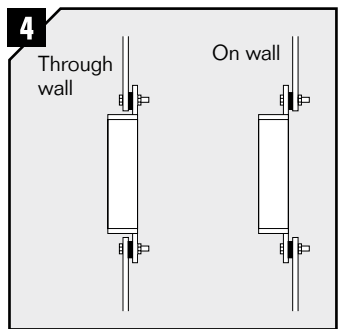
Use the frame as template for the drilling of the screw holes. Hole in flange Ø = 9 mm, (0.354").

3



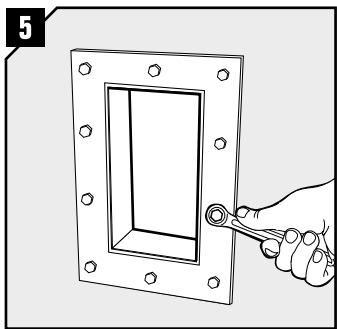
Attach the frame to the wall using bolts and nuts. The TSL 15x6 sealing strip shall be placed between frame and wall.

4



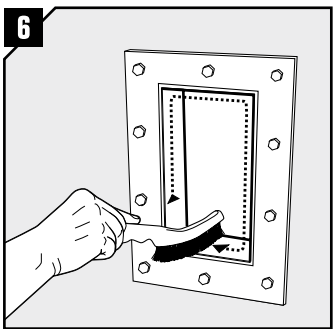
Alternative frame installation.

5



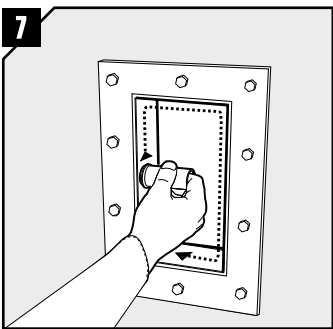
Tighten the screws.

6



Remove any dirt inside the frame.

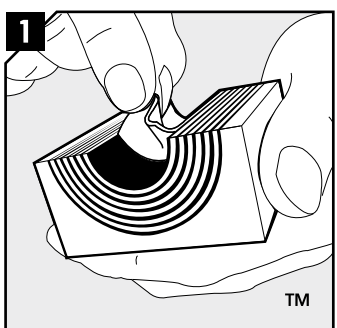
7



Lubricate the inside surfaces of the frame with Roxtec Lubricant, especially into the corners.

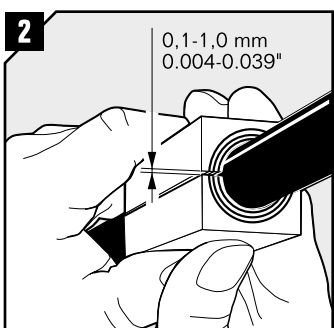
Modules installation

1



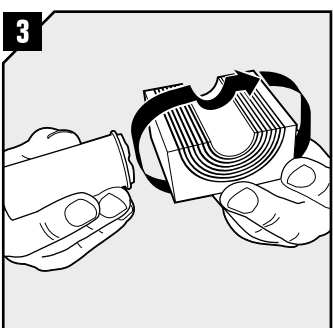
Adapt modules which are to hold cables or pipes by peeling layers until you reach the gap seen in pic. 2.

2



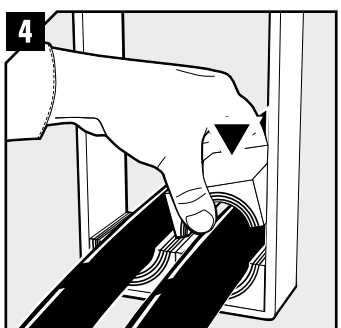
Achieve a 0.1-1.0 mm gap between the two halves when held against the cable/pipe.

3

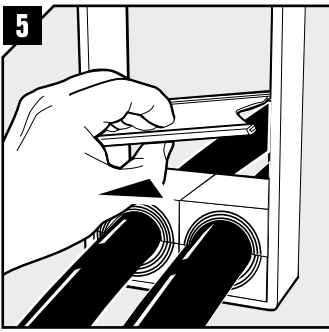


Lubricate all modules for the frame thoroughly, both the inside and the outside surfaces.

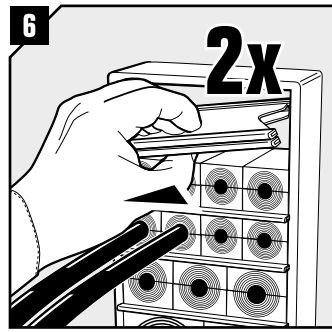
4



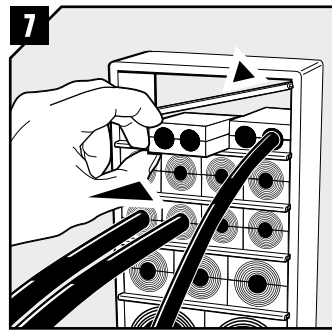
Insert the modules according to your installation plan (transit plan). Usually start with the largest modules.



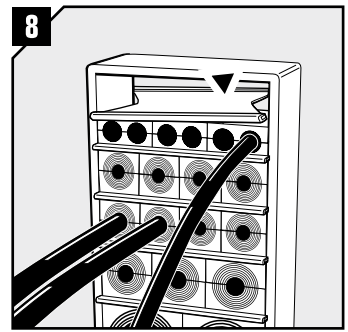
Insert a stayplate on top of every finished row of modules.



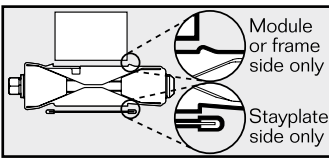
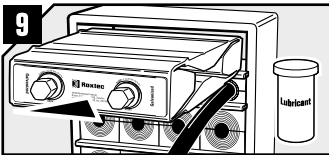
Before inserting the final row of modules, insert two stayplates.



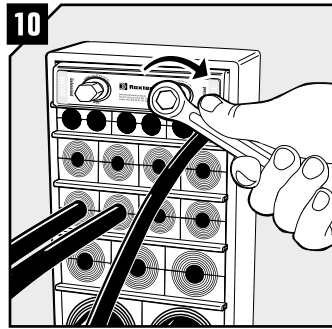
Separate the two stayplates and insert the final row of modules between the stayplates.



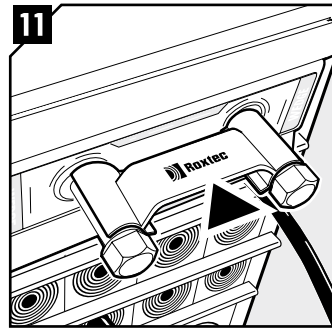
Drop the upper stayplate on top of the modules.



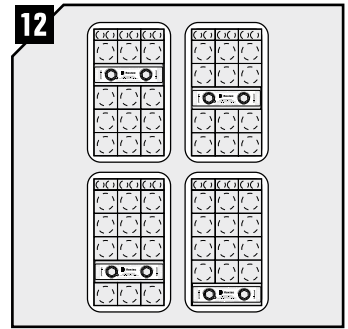
Lubricate all sides of the wedge sparsely, except front and back. Please read the markings on the wedge and turn it correctly before inserting it in the top of the frame (standard position). Face with "Stayplate this side" must always face a stayplate.



Tighten the screws until full stop, approx 20 Nm (15 ft.lb.).



Attach the Wedge Clip to the wedge bolts to check that the wedge has been properly tightened.



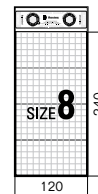
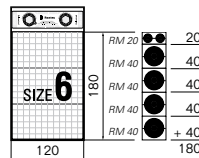
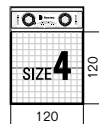
Optional wedge positions (anywhere within the frame).

Disassembly

Reverse order

Packing space

Frame sizes 2, 4, 6 and 8 accommodate the following height of modules: 60 mm, 120 mm, 180 mm and 240 mm. As example shows for frame size 6 the 180 mm can be the result of 4 rows of RM 40 plus one row of RM 20.



Note

- For optimum reliability, wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- Wedge is to be used with: RM components.
- To simplify installation in combination frames, fill all openings before tightening the wedge.
- Cables shall go straight through the frame.

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(b) Installation shall be carried out in accordance with Roxtec installation

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Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com



Roxtec International AB
Box 540, 371 23 Karlskrona, SWEDEN
PHONE +46 455 36 67 00, FAX +46 455 820 12
EMAIL info@roxtec.com, www.roxtec.com