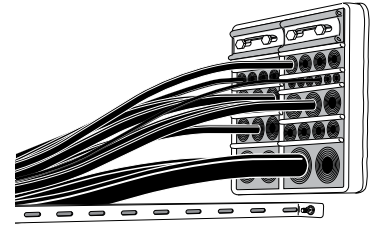




Installation checklist for Roxtec rectangular transits

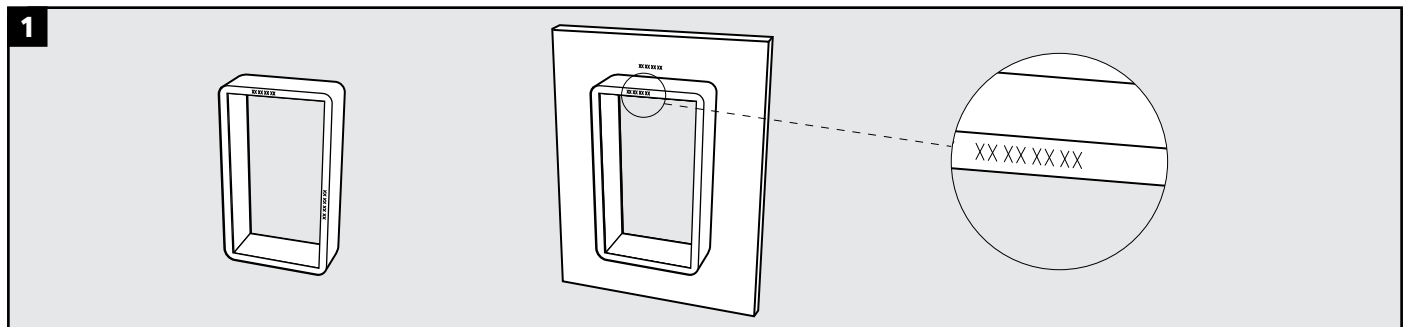


Checkpoints

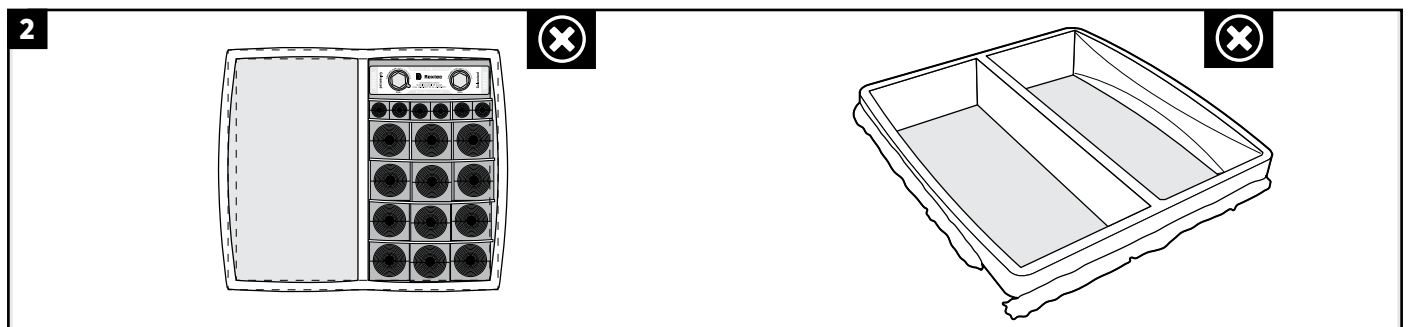
-  Correct installation
-  Incorrect installation

Important

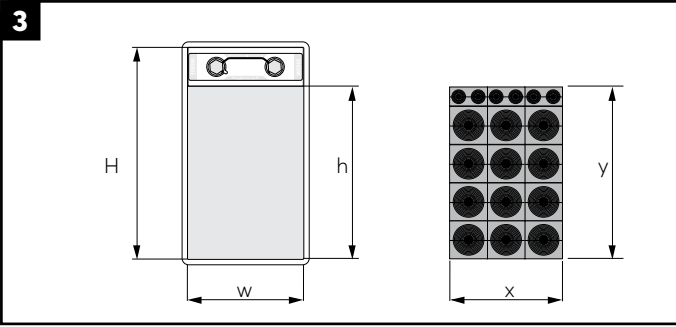
These lists of installation checkpoints can be used to visually assess a Roxtec cable/pipe transit sealing system installation. The check is performed to visually verify the correctness of an installation, not a commissioning or functional inspection. The verifications shall be performed and evaluated with the understanding that not all installation errors can be visually detected, even if it is a great help in the quality assurance work. The installation check is limited to those areas and sections of the installation to which reasonable access is both available and permitted at the date of checking. The scope of these installation checkpoints is limited to the transit (frame, modules, stayplates and wedge). Consequently, it does not cover the attachment of the transit to the structure in question, e.g. insulation required, nor the correctness, quality or routing of cables/pipes. If possible, perform the installation check from both sides of the transit.



1 Verify that an original Roxtec frame is used. An original Roxtec frame is identified by a Roxtec marking or a frame serial number marking. Frames have the marking or label on the front face.



2 Check that the transit and packing system have no mechanical damages. Also check surface protection and welds if applicable. For welds, see Roxtec welding guidelines.



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

Verify the correct utilization of the entire packing space. 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.

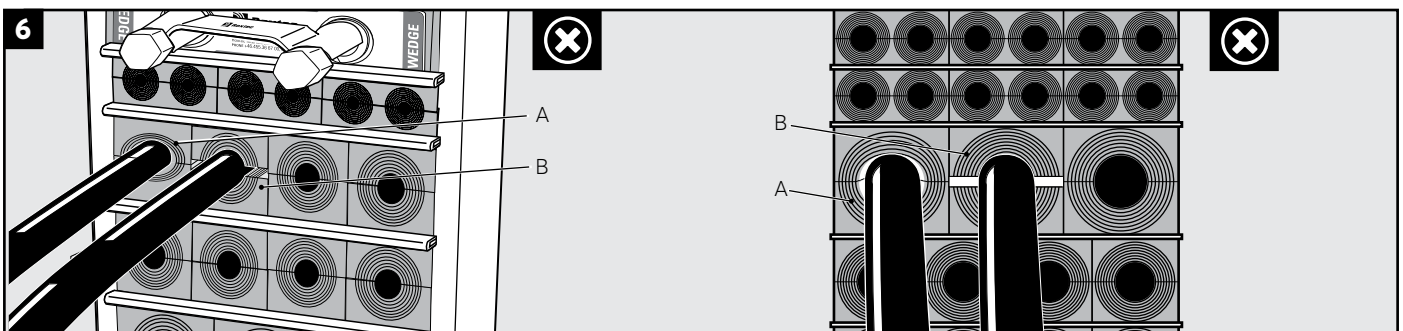
S = Frame size
 H = Frame height
 w = Packing width
 h = Packing height



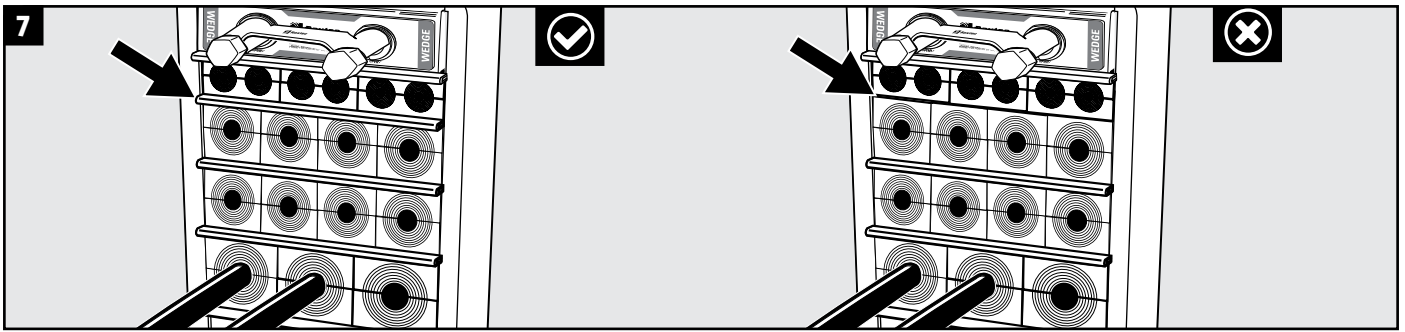
Check that only one cable/pipe passes through each module or opening in a module.



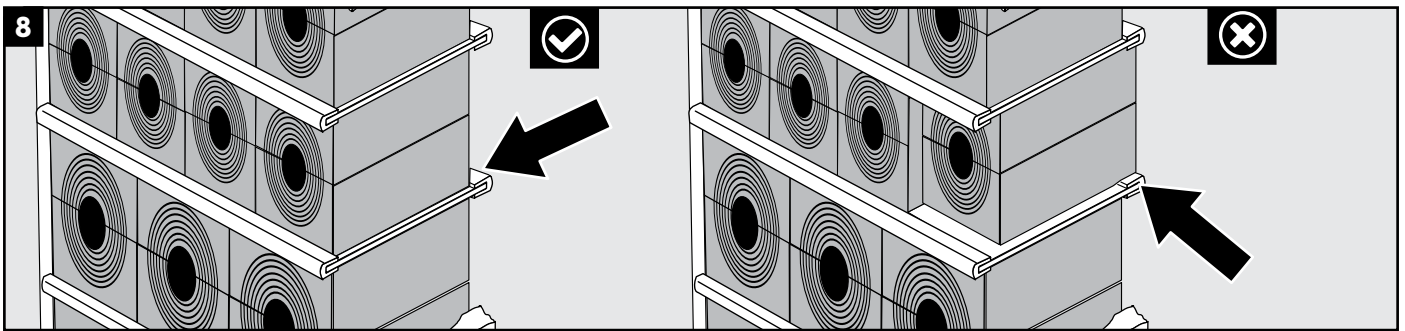
Check that no center cores are missing.



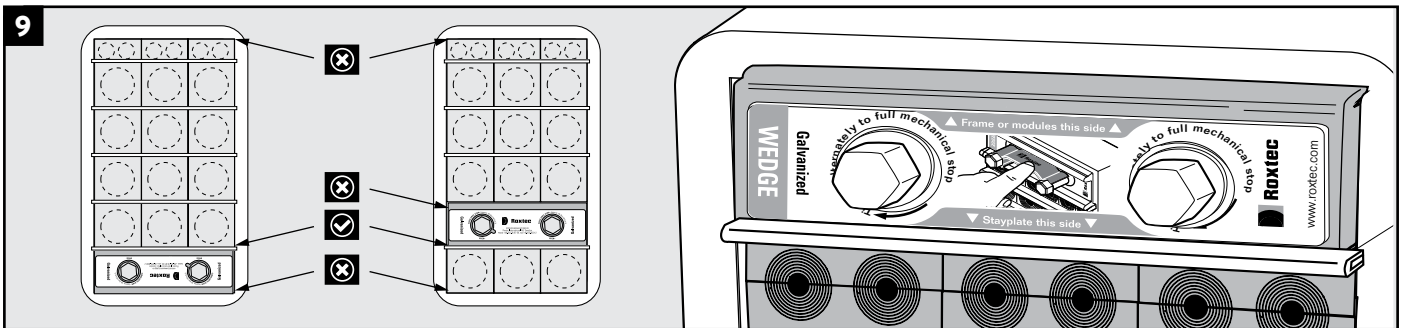
A = Too many layers removed. B = Not enough layers removed. Check that there are no visible gaps between cables/pipes and module halves after compression. Maximum one layer difference is allowed between module halves within the same module.



Check that each consecutive row of modules is divided by a stayplate.

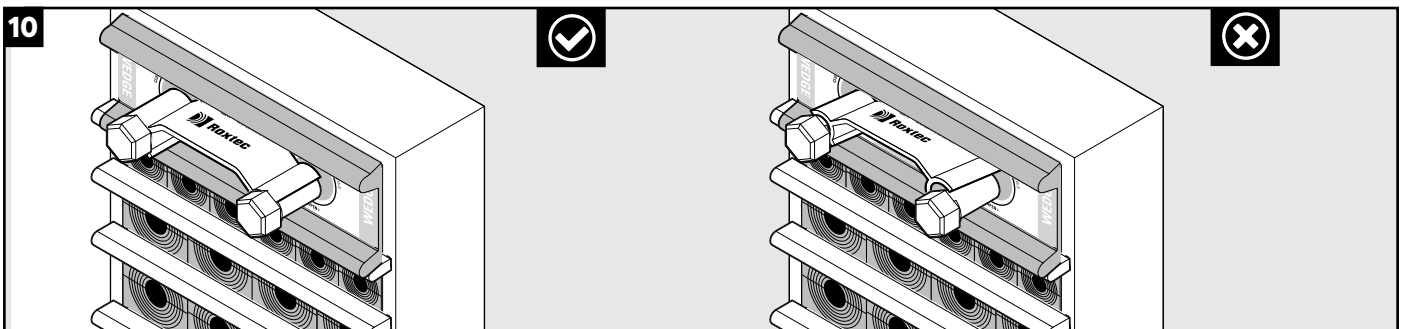


Check that all modules are installed between the edges of the stayplates.



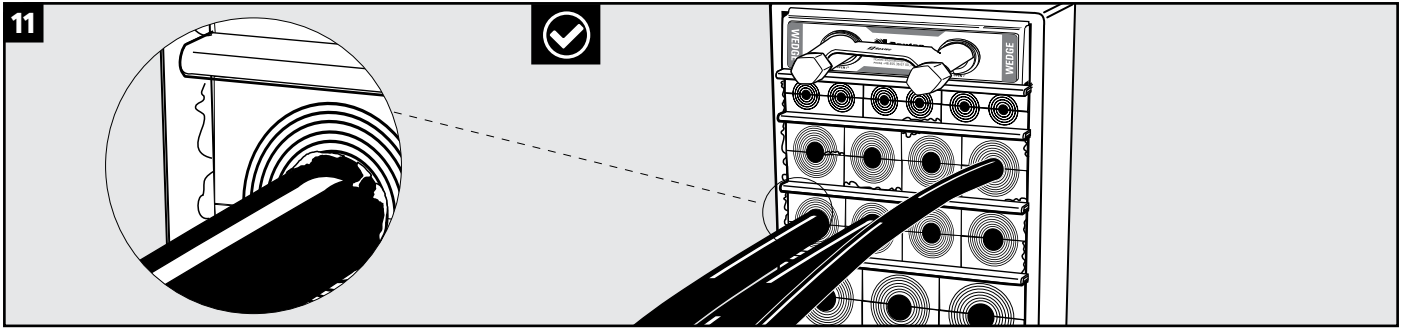
Verify that the stayplates have correct positions and that the wedge has correct orientation.

No stayplate shall be installed between modules and the frame or between the wedge and the frame. The wedge shall be orientated according to the label on the wedge front side or printed text on the upper and lower faces of the unit.

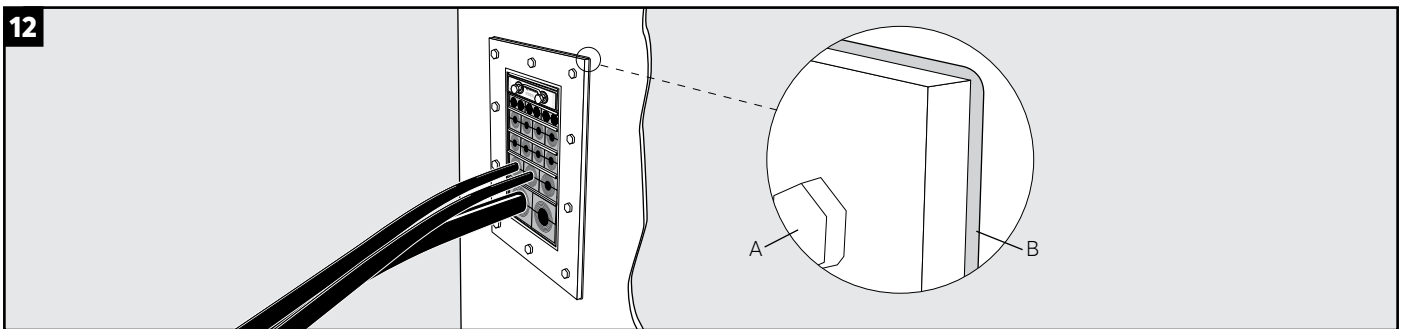


Verify that the wedge is fully tightened.

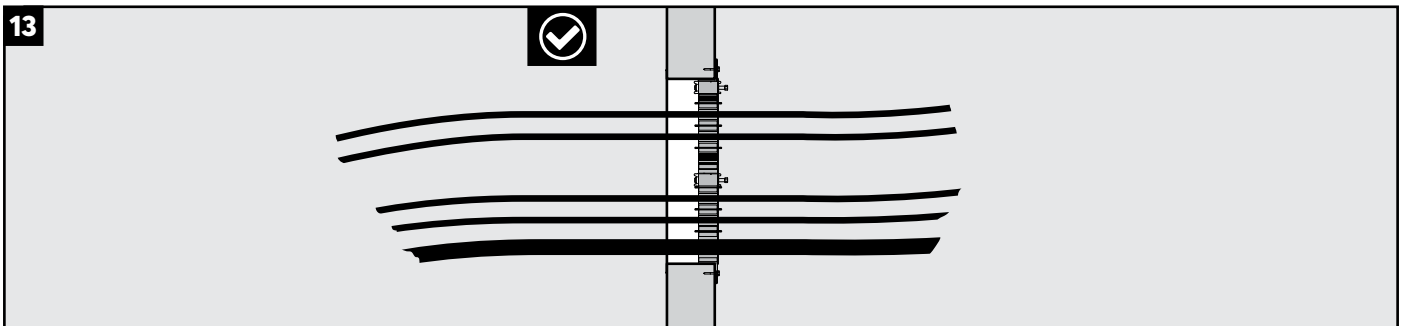
The wedge is fully tightened if the wedge clip is installed and fits behind the bolt heads.



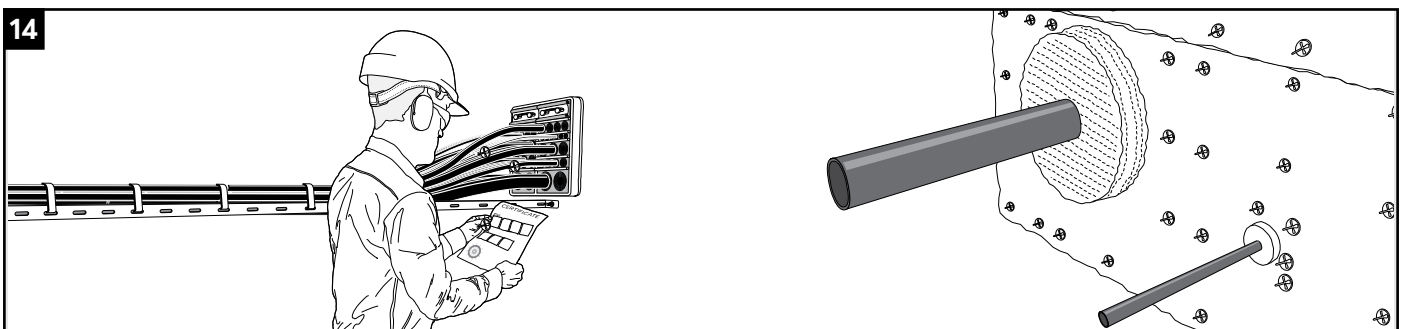
Check that the frame and the modules have been lubricated. Excess lubricant shall be visible directly after installation.



Make sure that bolted frame types are sealed to the structure. All attachment points (A) shall be used and the gasket (B) shall be visible.



Make sure that cables go straight through the frame.



Check additional installations, if applicable.

Note

- ⦿ If possible, take an overlook at the other side of the transit.
- ⦿ Check additional installations according to certification requirements, e.g. insulation.

Installation checklist for rectangular transits

Project/object:

Date:

Transit name:

Full name:

Frame type:

Company:

Opening:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10

Signature:

Checkpoint Activity

OK

Not OK

Checkpoint	Activity	OK	Not OK
1	Verify that an original Roxtec frame is used.		
2	Check that the transit and packing system have no mechanical damages.		
3	Verify the correct utilization of the entire packing space.		
4	Check that only one cable/pipe passes through each module or opening in a module.		
5	Check that no center cores are missing.		
6	Check that there are no visible gaps between cables/pipes and module halves after compression.		
7	Check that each consecutive row of modules is divided by a stayplate.		
8	Check that all modules are installed between the edges of the stayplates.		
9	Verify that the stayplates have correct positions and that the wedge has correct orientation.		
10	Verify that the wedge is fully tightened.		
11	Check that the frame and the modules have been lubricated.		
12	Make sure that bolted frame types are sealed to the structure.		
13	Make sure that cables go straight through the frame.		
14	Check additional installations, if applicable.		

Notes:

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.

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