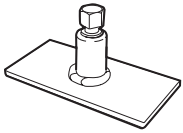
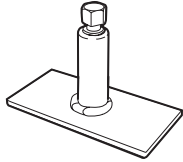


## Background

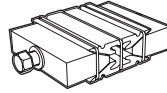
Please find below instruction highlighting the importance of pre-compression and lubrication for easier installation using Roxtec installation tools:



Pre-compression tool S



Pre-compression tool L

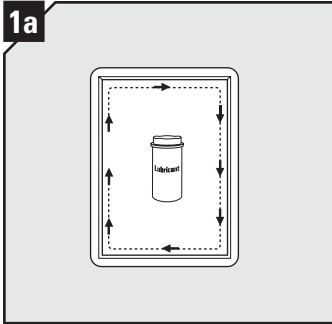


Pre-compression wedge

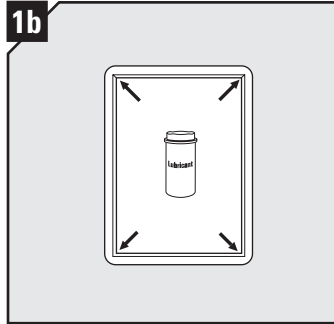


## Installation instructions Roxtec EMC Compression Pre-compression and lubrication

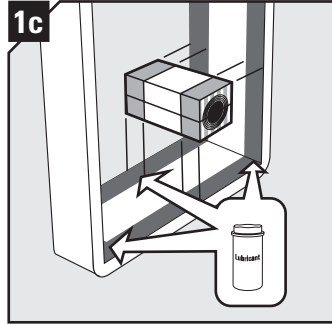
### Lubrication



Always start by lubricating the frame.

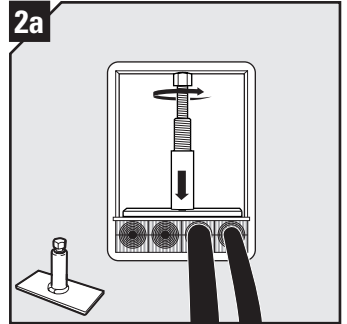


Make sure to lubricate the four corners.

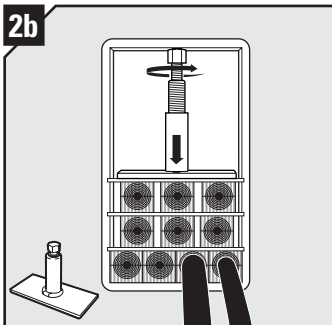


If possible, avoid lubricant on the surface where the conductive tape will be placed.

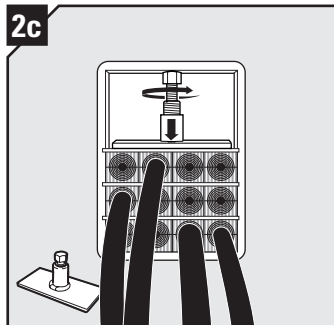
### Pre-compression



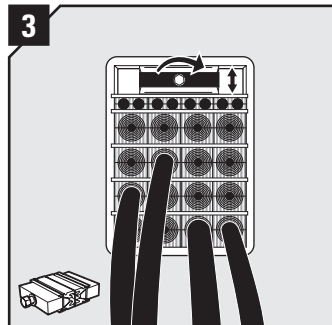
Pre-compress using a pre-compression tool after each row of modules. Expand the bolt and pre-compress until appropriate size of Roxtec modules.



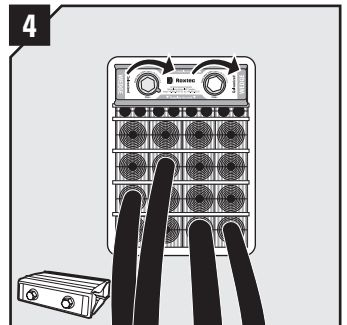
If necessary, use spare modules to build necessary height.



Repeat procedure using either Roxtec pre-compression tool L or Roxtec pre-compression tool S depending on space available.



Finalize pre-compression by using Roxtec pre-compression wedge.



Install the Roxtec Wedge.

### Summary

To secure the performance of an EMC transit the subjects mentioned is recommended. Building too many rows of modules without pre-compressing can cause mechanical damage to the conductive tape when it is compressed.

The risk is reduced if the frame is lubricated at the surfaces not in contact with the conductive tape. The lubricant will reduce the friction and make the installation gas/water tight. Avoid getting lubricant on the conductive tape.

For a complete installation, see installation instruction.

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