

# Knauf Windliner to Sheathing Board & SFS

## INSTALLATION GUIDANCE

## Knauf Windliner Total Protection Tape

Knauf Windliner is a single-sided adhesive tape for interior and exterior use, it is UV resistant and provides a high performing air and weather tight seal.

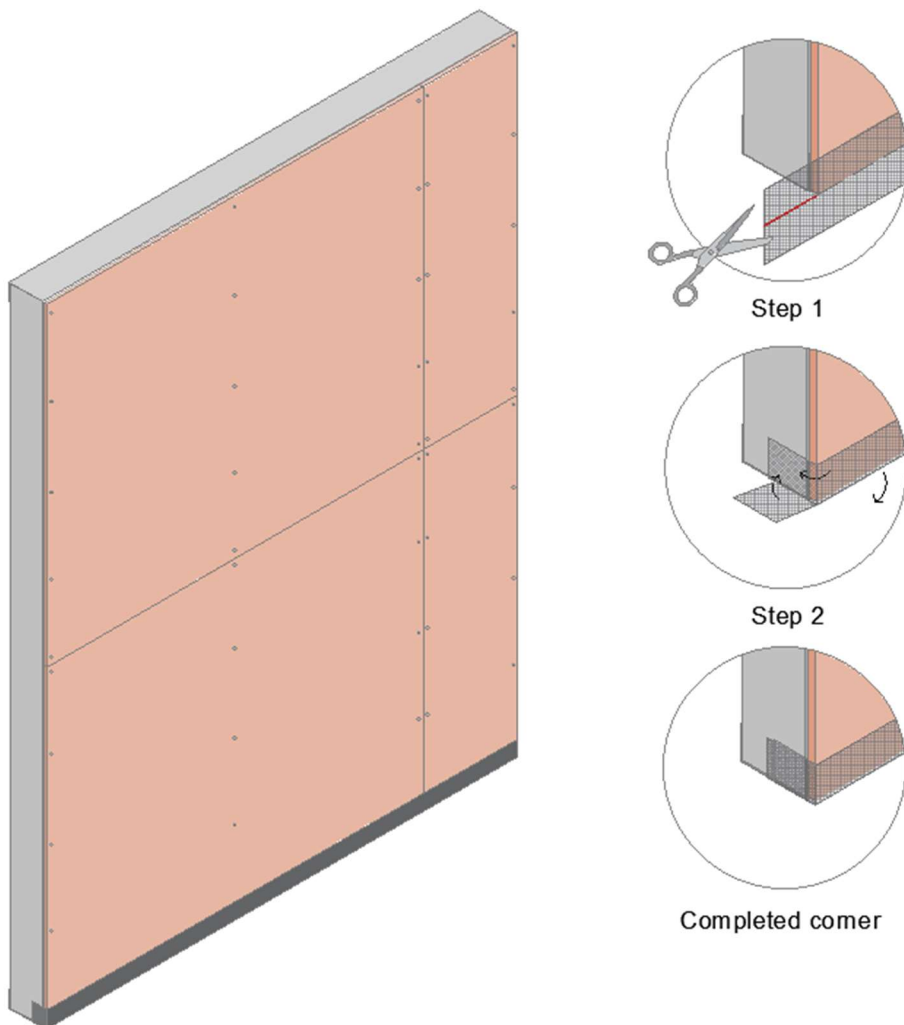
This Installation Instruction Guide details best practice when sealing joints and fixing heads to sheathing boards installed to SFS using Knauf Windliner.

### Before commencing work:

Ensure the sheathing board and SFS are dry and free of oil, grease, dust, and other anti-adhesive components.

Please note that Knauf Windliner will not bond to frozen surfaces.

## Step 1:



Installation shall commence with the sill.

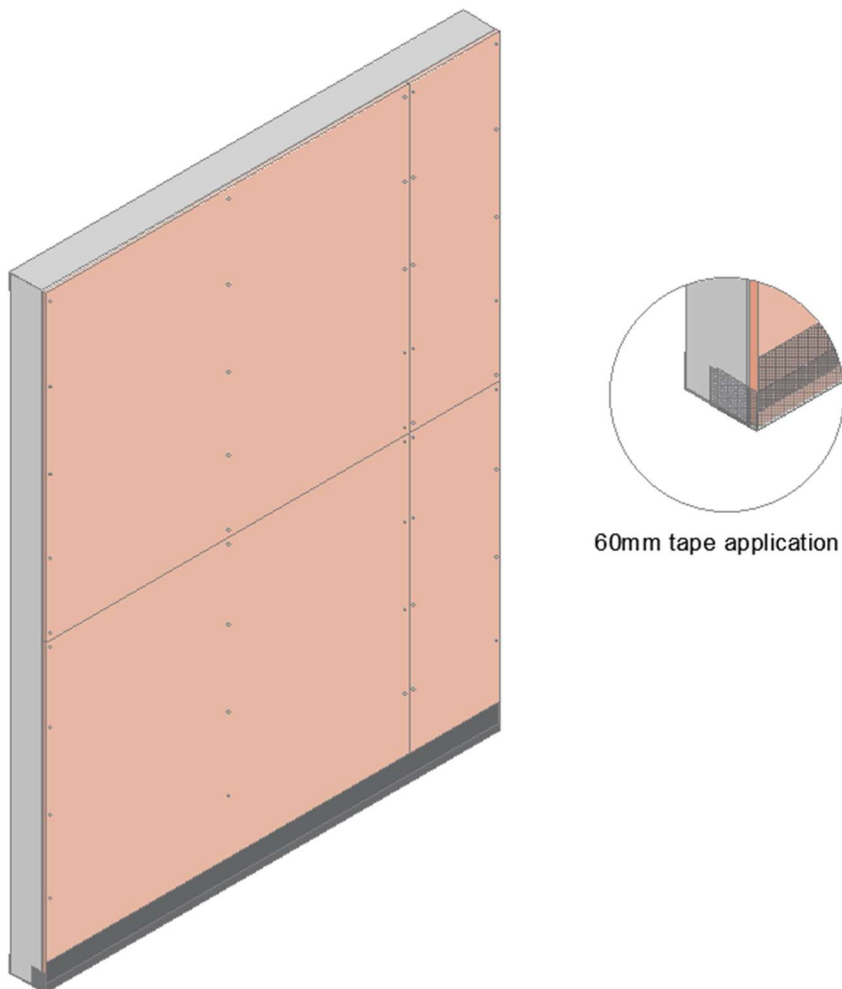
Suggested tape width for this application is 100 mm. Gradually peel off the release paper and adhere the tape to the sheathing board and to the underside of the SFS, ensuring there is a minimum of 20 mm bond width to both the sheathing board and SFS bottom rail, whilst keeping it tension free and free from wrinkles and bubbles.

The tape length should be approx. 100 mm longer than the width of the substrate, to allow an excess of 50 mm (as Step 1) to form a sealed corner detail on both sides.

Form corners by cutting the excess tape as Step 1 and folding the flaps around the SFS as shown in Step 2.

Consolidate the bond by applying firm pressure using a seam roller.

## Step 2:

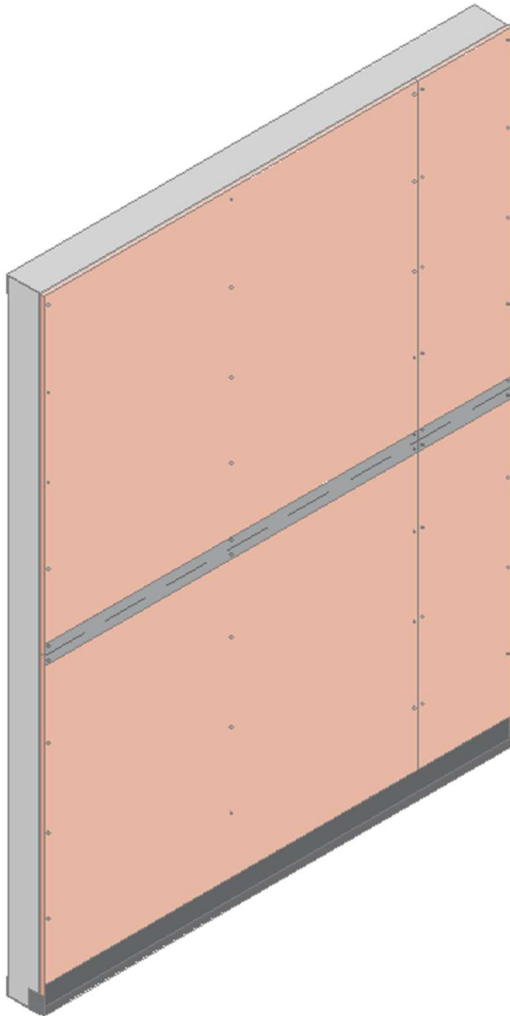


Apply an additional length of tape with a 50/50 lap to the previously installed tape and sheathing board. Suggested tape width is 60 mm for this application.

The 60 mm wide tape does not need to be wrapped around on to the SFS and can be the same length as the sheathing board width, as shown in the detail above.

Carefully apply without wrinkles or bubbles and consolidate the bond firmly with a seam roller.

**Step 3:**

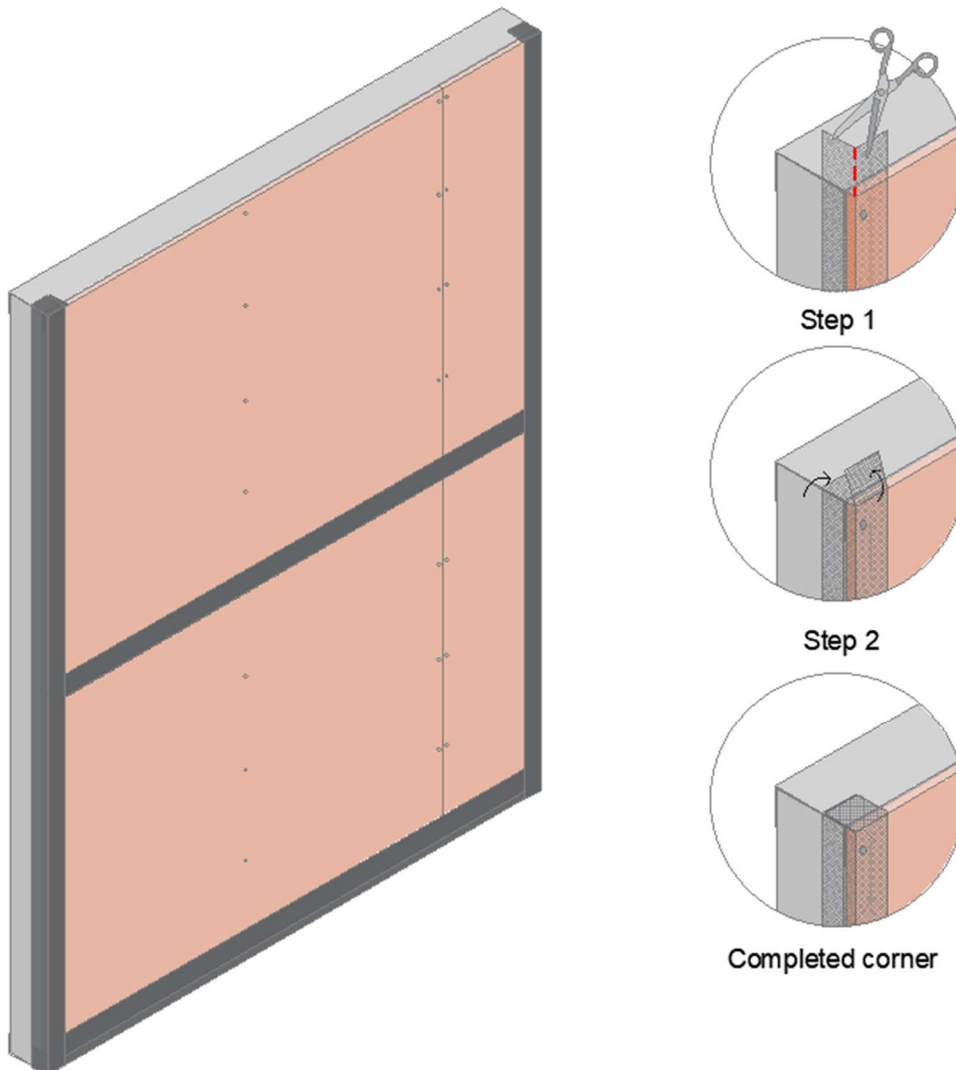


The next installation step shall be the horizontal sheathing board joints.

A 60 mm tape width should suffice for this application, as long as it sufficiently covers the sheathing board fixings. The tape length is the same as the sheathing board width, it is not necessary to wrap around on to the sides of the sheathing board and SFS.

Apply as previously described with a 50/50 lap over the joint and consolidate the bond with a seam roller.

#### Step 4:



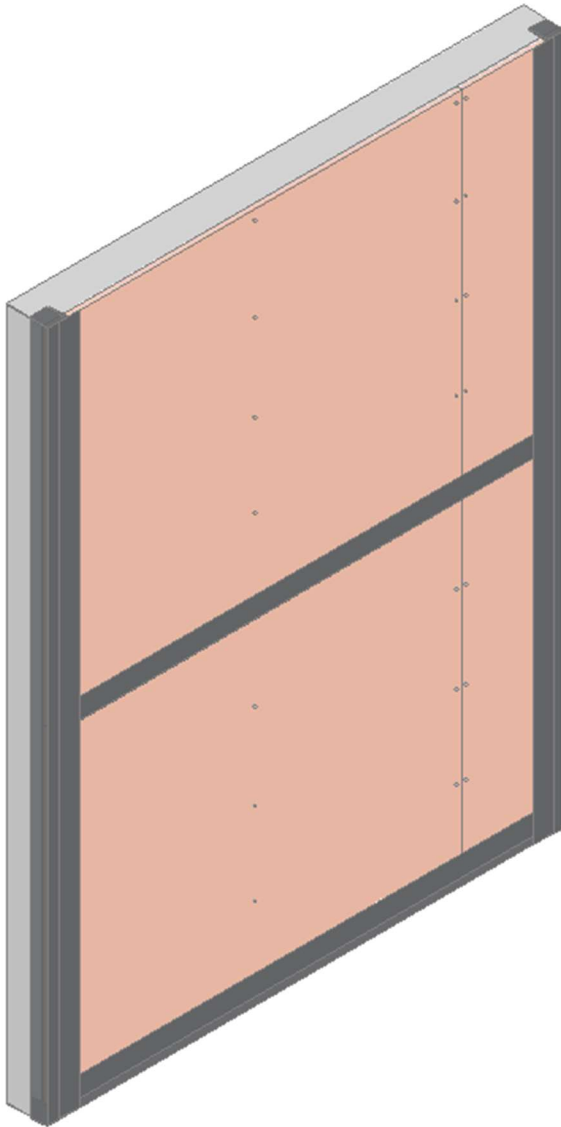
The next installation step shall be the jambs.

Suggested tape width for this application is 100 mm. Apply the tape to the vertical edges of the sheathing board and the SFS jambs as previously described ensuring there is a minimum of 20 mm bond width to both the sheathing board and the SFS surface.

The tape length should be approx. 100 mm longer than the substrate height, to allow an excess of 50 mm to both the top and bottom of the substrate (as Step 1) to form corner details.

Form corners by cutting the excess tape as Step 1 and folding the flaps around the SFS as shown in Step 2 and consolidate the bond with a seam roller.

**Step 5:**



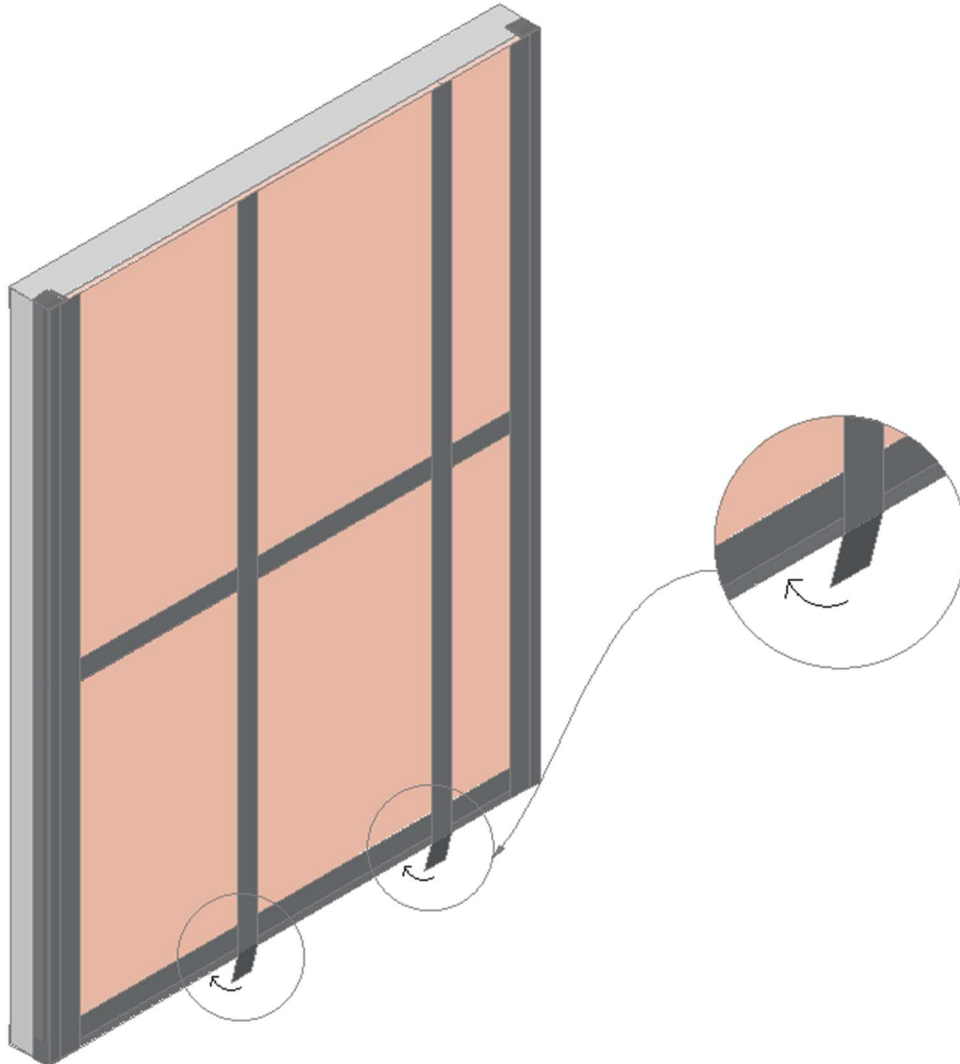
Apply lengths of 60 mm wide tape to the jambs with a 50/50 lap to the previously installed tape and sheathing board.

As described earlier, the tape lengths are the same as the sheathing board height and do not need to be wrapped around on to the SFS.

Consolidate the bonds with a seam roller.



**Step 6:**



The next installation step shall be the vertical joints and fixing heads.

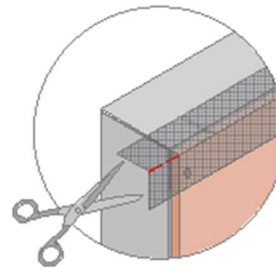
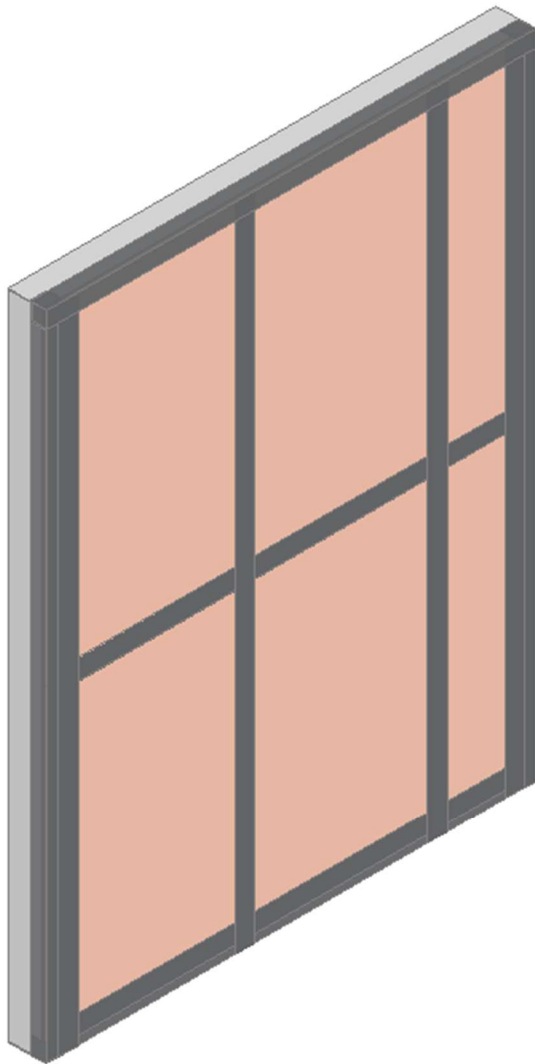
A 60 mm tape width should suffice for this application. The tape length is approx. 50 mm longer than the sheathing board height.

Apply the tape over the vertical joints and fixing heads as previously described with a 50/50 lap over the joint. The tape should finish level with the top of the sheathing board at the head, and at the sill, the 50 mm excess should be wrapped around and bonded to the SFS base as shown above.

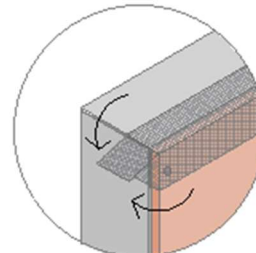
Consolidate the bond with a seam roller.



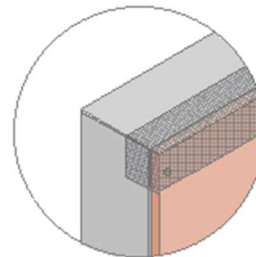
## Step 7:



Step 1



Step 2



Completed corner

**Note:**  
Jamb tape has been removed  
from images for clarity

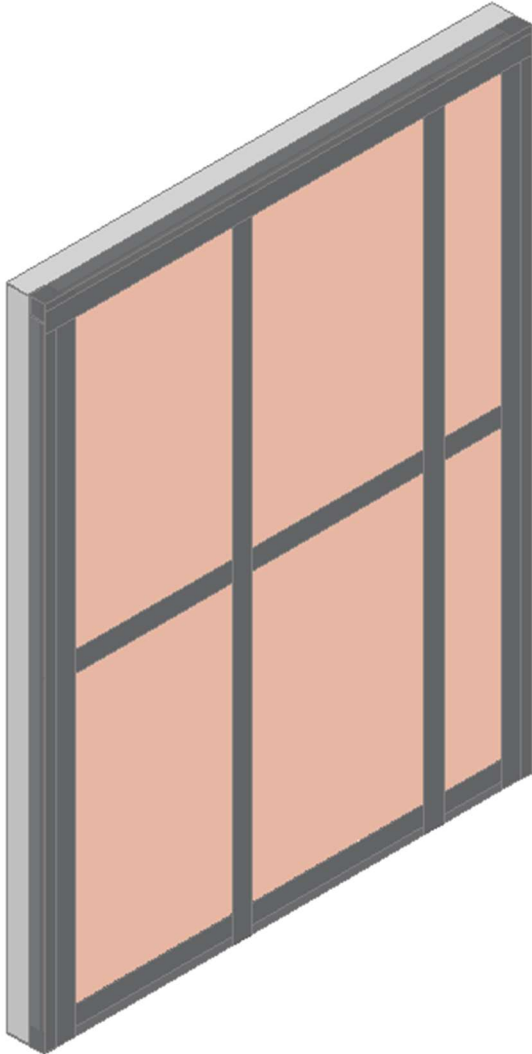
The next installation step shall be the head.

Apply 100 mm wide tape to the sheathing board and SFS top rail as previously described ensuring that there is a minimum of 20 mm bond width to both the sheathing board and SFS surface.

The tape length should be approx. 100 mm longer than the sheathing board width, to allow an excess of 50 mm on both sides (as Step 1) to form corner details.

Form corners by cutting the excess tape as Step 1 and folding the flaps around the SFS as shown in Step 2 and consolidate the bonds with a seam roller.

**Step 8:**



Finally apply a length of 60 mm wide tape (the same length as the sheathing board width) to the head with a 50/50 overlap to the previously installed tape and sheathing board and consolidate the bonds with a seam roller.

Your installation is now complete.

## Support

Here at Tremco CPG UK Ltd, we have technical experts and field support teams who can help you – from specification to application, we're on hand.

If you're looking for more information about fire rated membranes, or how to pick the right membrane for your application, please contact our team: **[hello@tremcocpg.com](mailto:hello@tremcocpg.com)**.

**Tremco CPG UK Limited,**  
**Hindley Green, Wigan WN2 4HT**  
**T. +44 (0) 1942 251 400**  
**[hello@tremcocpg.com](mailto:hello@tremcocpg.com)**  
**[www.tremcocpg.eu](http://www.tremcocpg.eu)**

*Information contained in this document conforms to the standard illbruck method of installation as of the date of publication of this document and is presented for guidance only and in good faith. Tremco CPG UK Ltd. assumes no liability, expressed or implied, as to the architecture, engineering, or workmanship of any project. To ensure that you are using the latest, most complete information, contact Tremco CPG UK Ltd.*

Issue 1: 19/03/24