INSTALLATION GUIDE

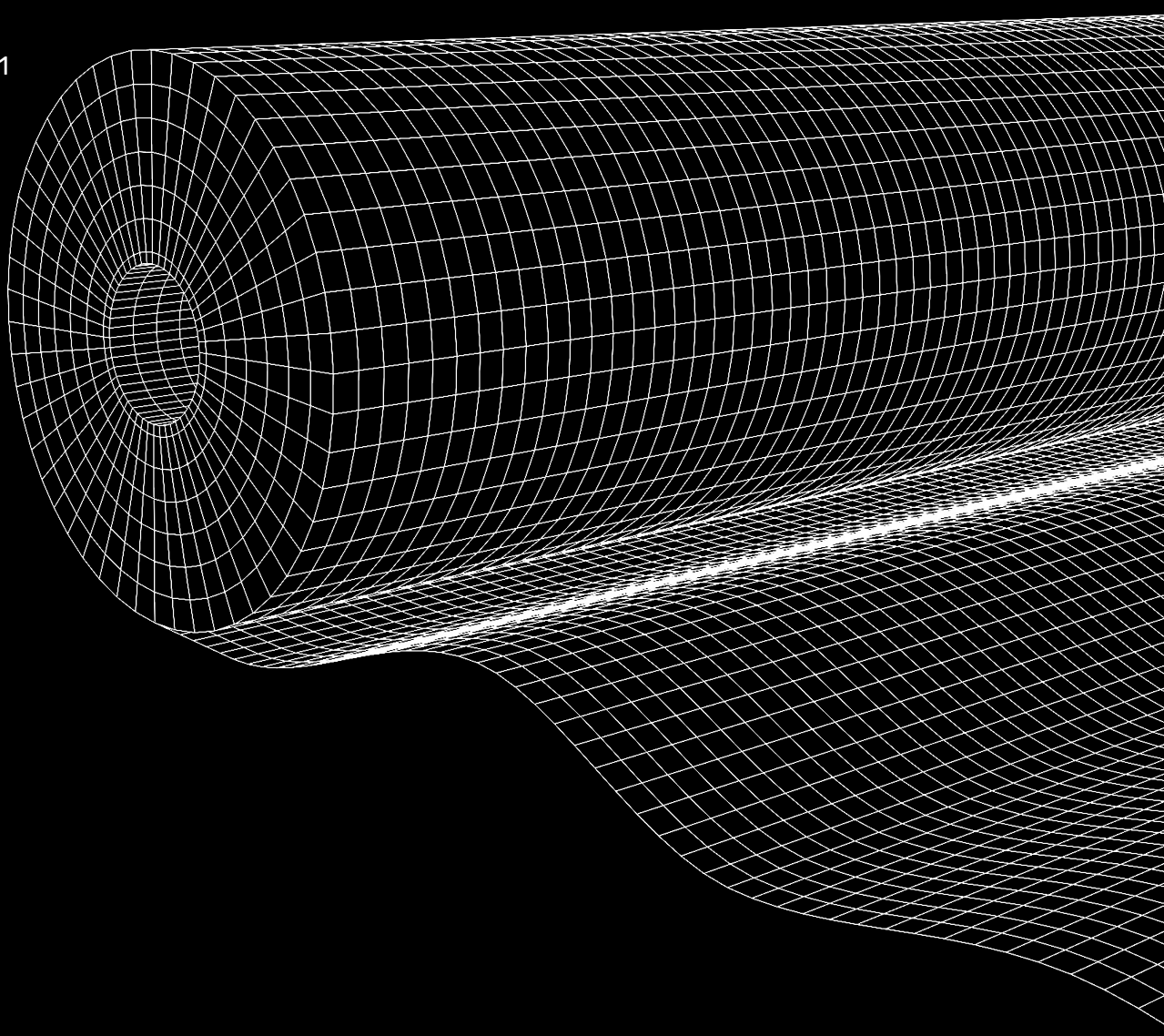
OBEX CORTEX FR®

0560FR

Self Adhesive Interface Sealing Membrane

Class B

Version 01.01.01

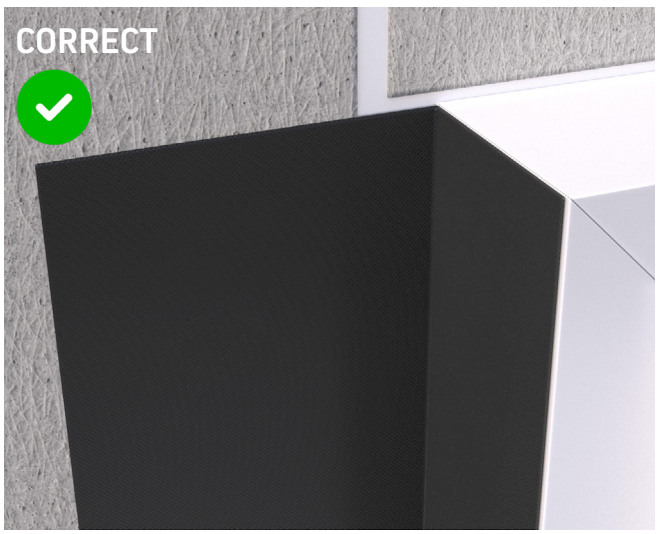


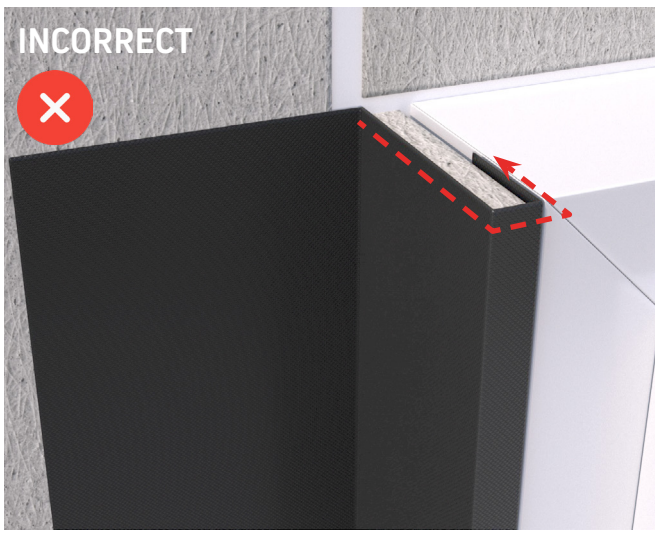
OBEX®

Contents

Important Notes

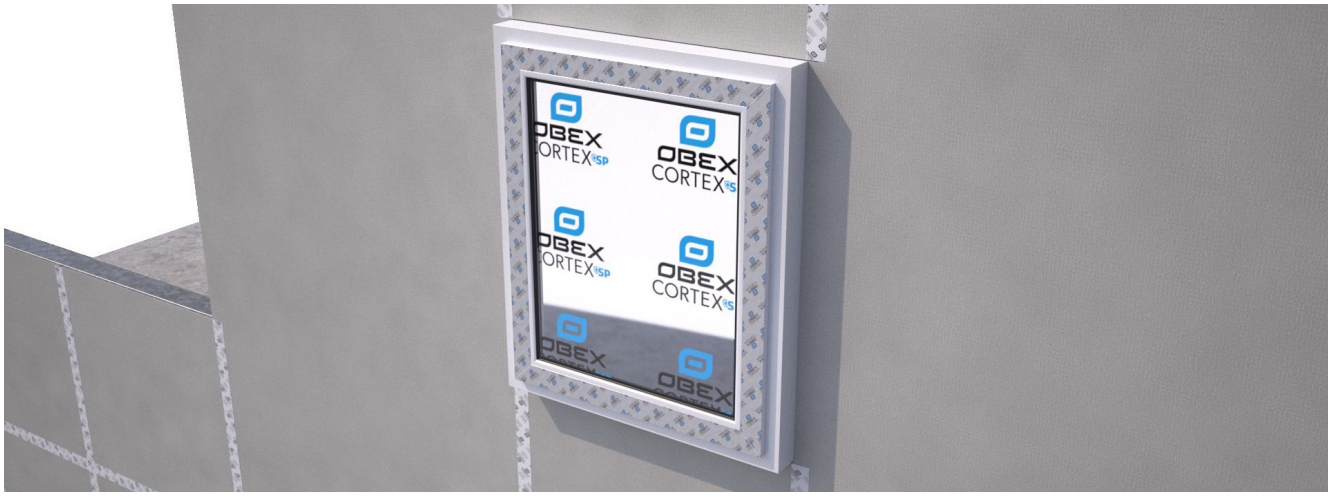
- Porous substrates may require priming using OBEX CORTEX 0787FR Class B Primer.
  Bond testing must be carried out to ascertain whether priming is required. In cases of doubt the Certificate holder's advice should be sought.
- The required overlap onto porous materials (concrete, brick) is 100mm.
- For non-porous materials, we recommend an overlap of 50mm, or an absolute minimum overlap of 20-30mm.
- Make sure to adequately cap off all edges of the membrane with 0771FR Paste Adhesive, leaving no exposed edges.
- Where the membrane is joined, overlap by a minimum of 50mm
- Surfaces should be clean, dry and free of dust and other surface contaminants.
- Minimum installation temperature is 5°C
- The product must be stored as per storage temperatures on the technical data sheet.
- The 0560FR Membrane should be oriented as shown in our install guide, and not folding back on itself as shown below.
  The same principle should also be followed if using a mechanically fixed termination bar - install the 0560FR as shown, and then apply a termination bar on top of the membrane.





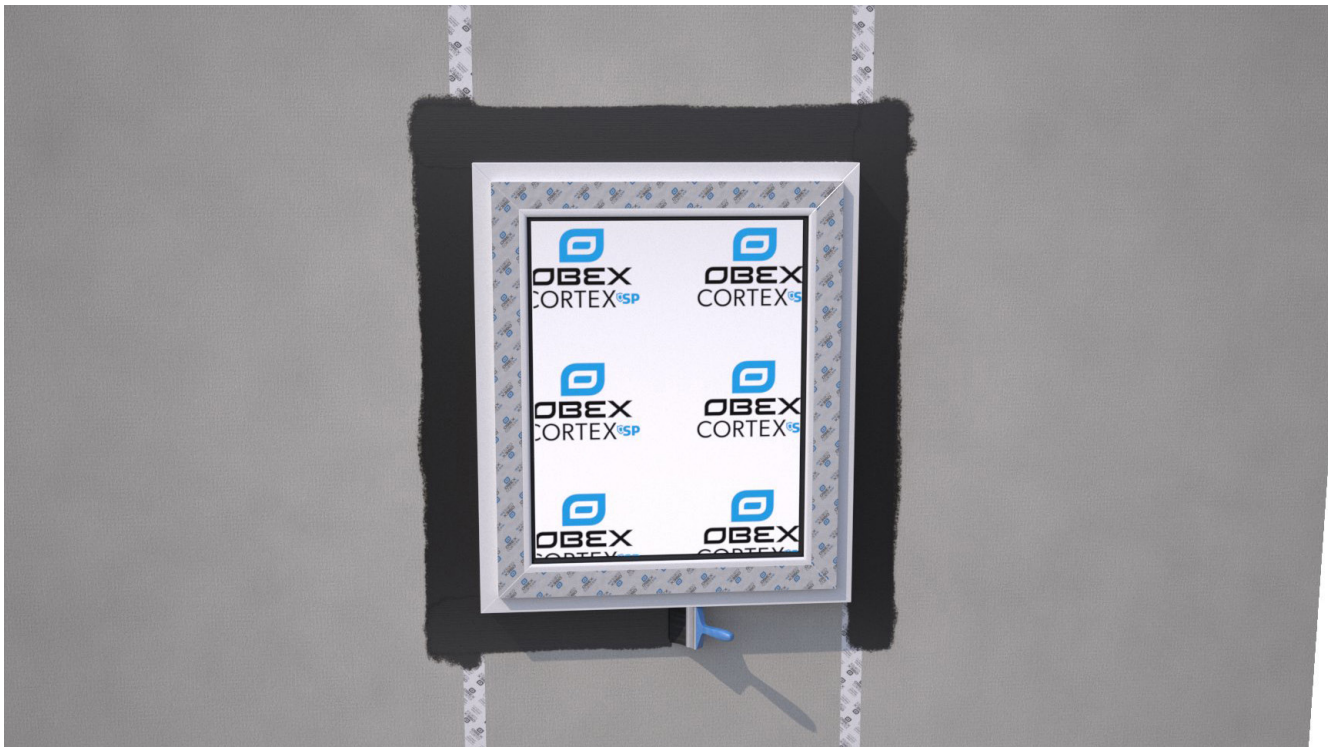
0560FR

Self Adhesive ISM – Standard Window Installation



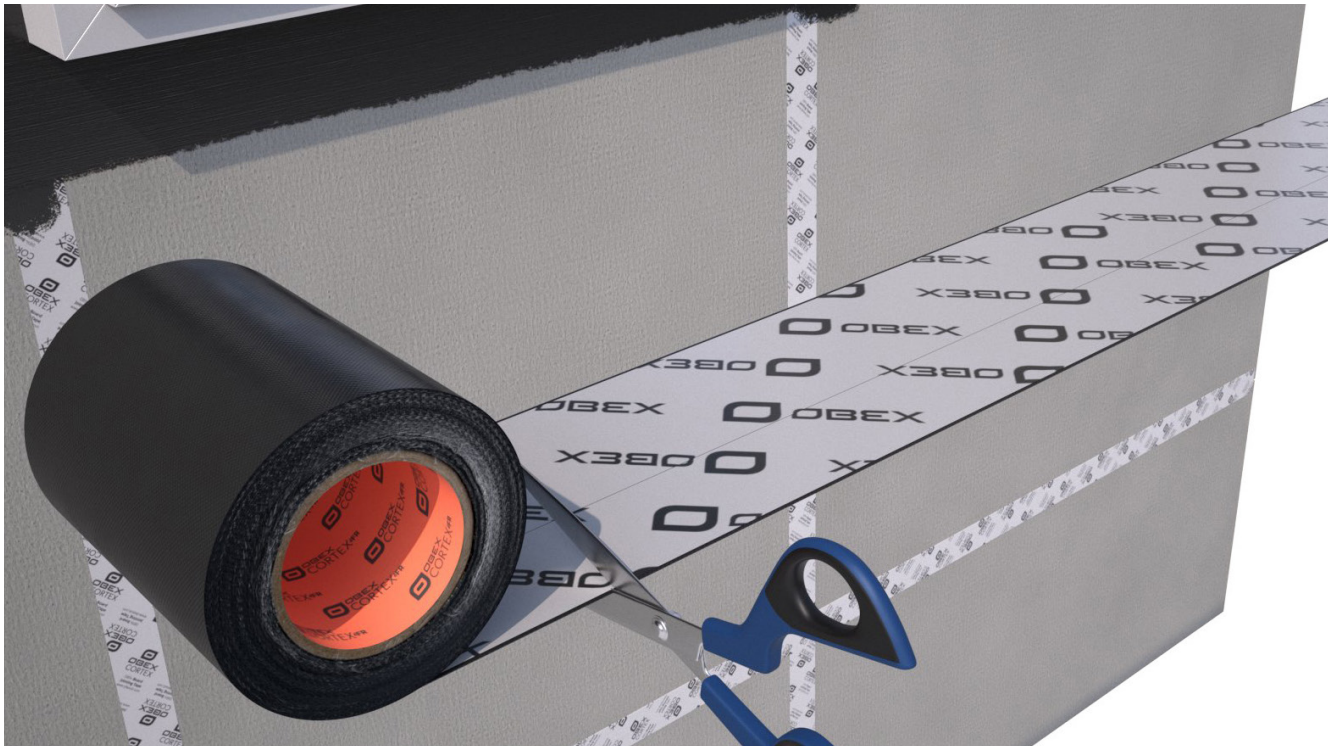
1

Ensure the window surround is complete and ready to receive the ISM.
Mark up the sub strate to ensure the correct bond widths are achieved. The required bond widths are; 100mm onto porous surfaces (concrete etc) and a minimum of 20-30mm onto non-porous surfaces.

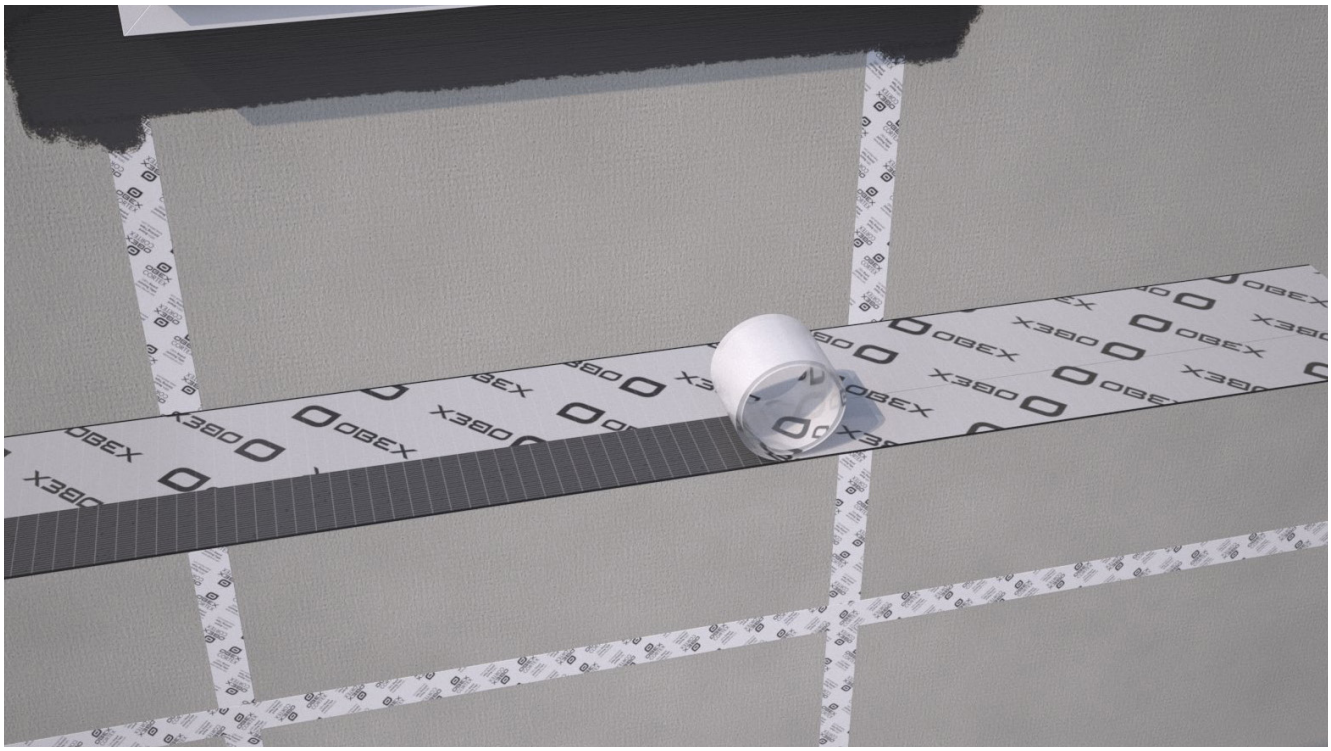


2

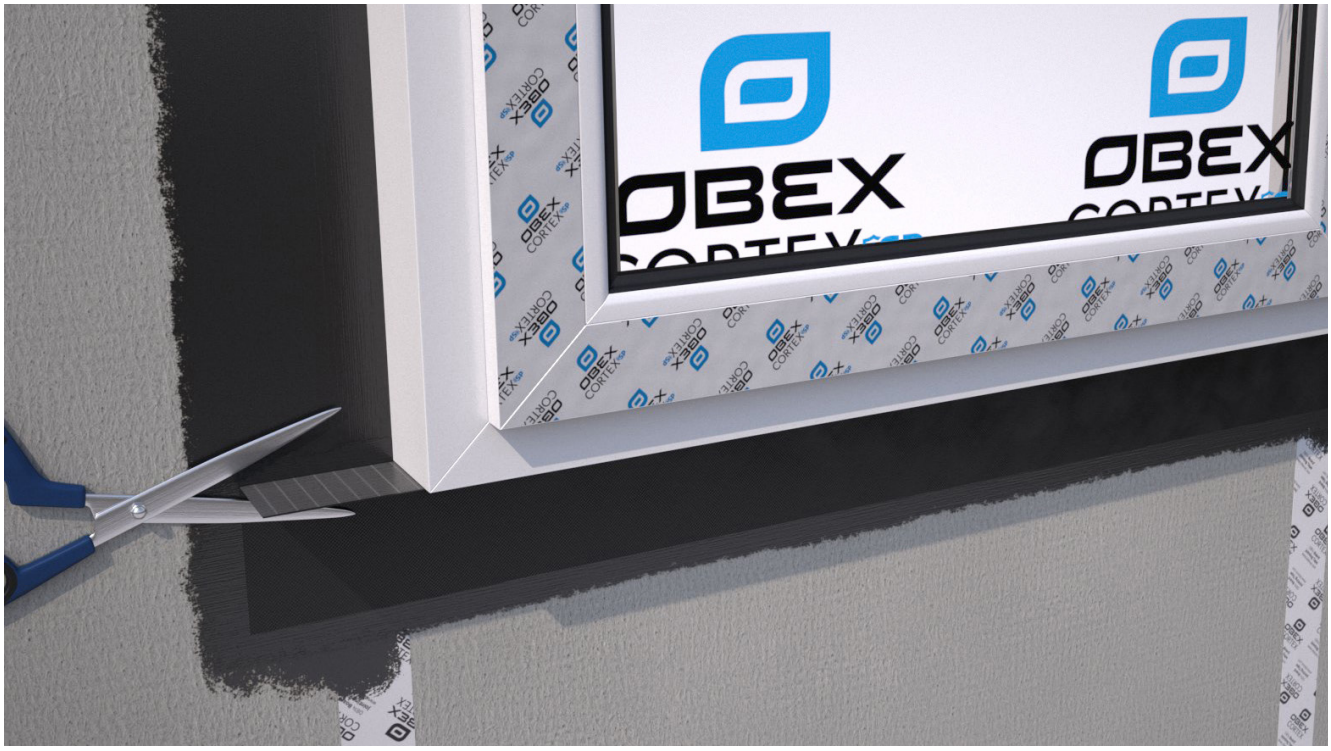
Apply OBEX CORTEX 0787FR Class B Primer to porous surfaces. Ensure a full coverage over the bonding area.
Porous surfaces include cement board, calcium silicate board, concrete etc.



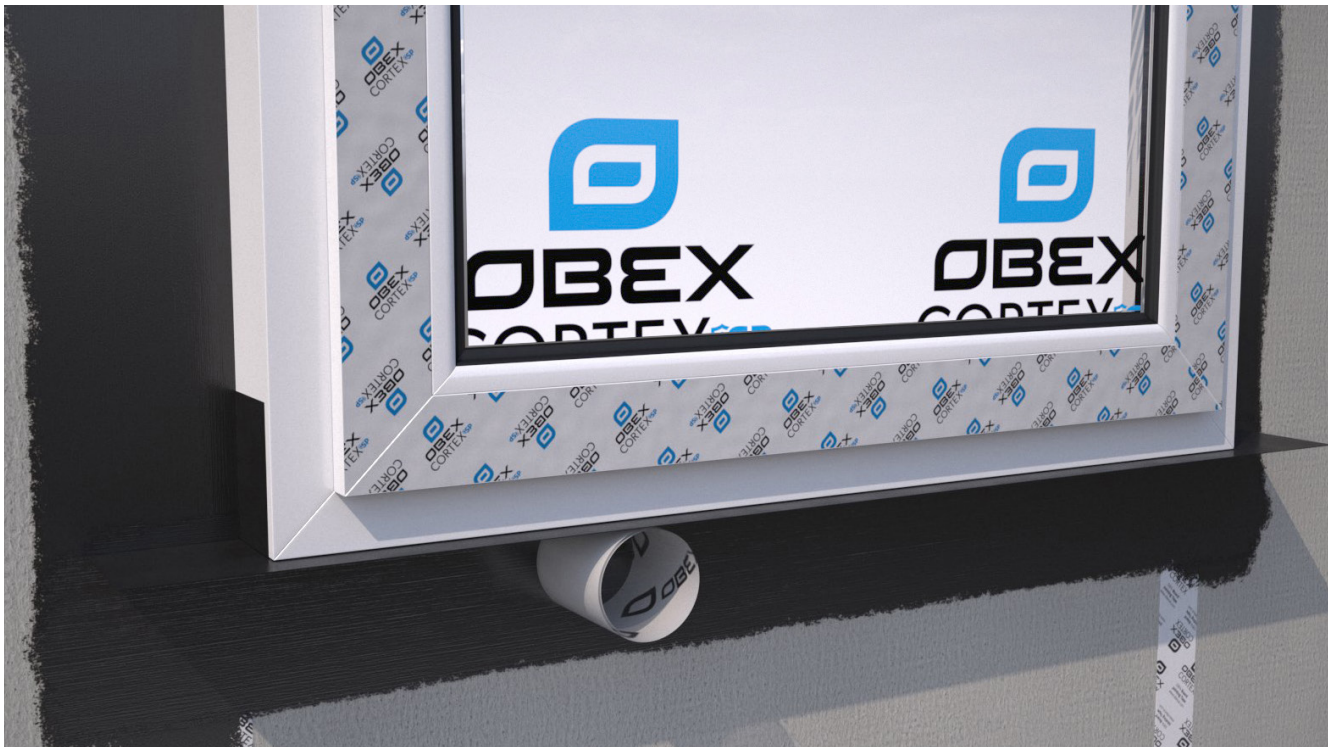
3 Measure the length of the section and cut the membrane to the correct length. Remember to allow approx. 100mm overlap past the corners of the glazing unit.



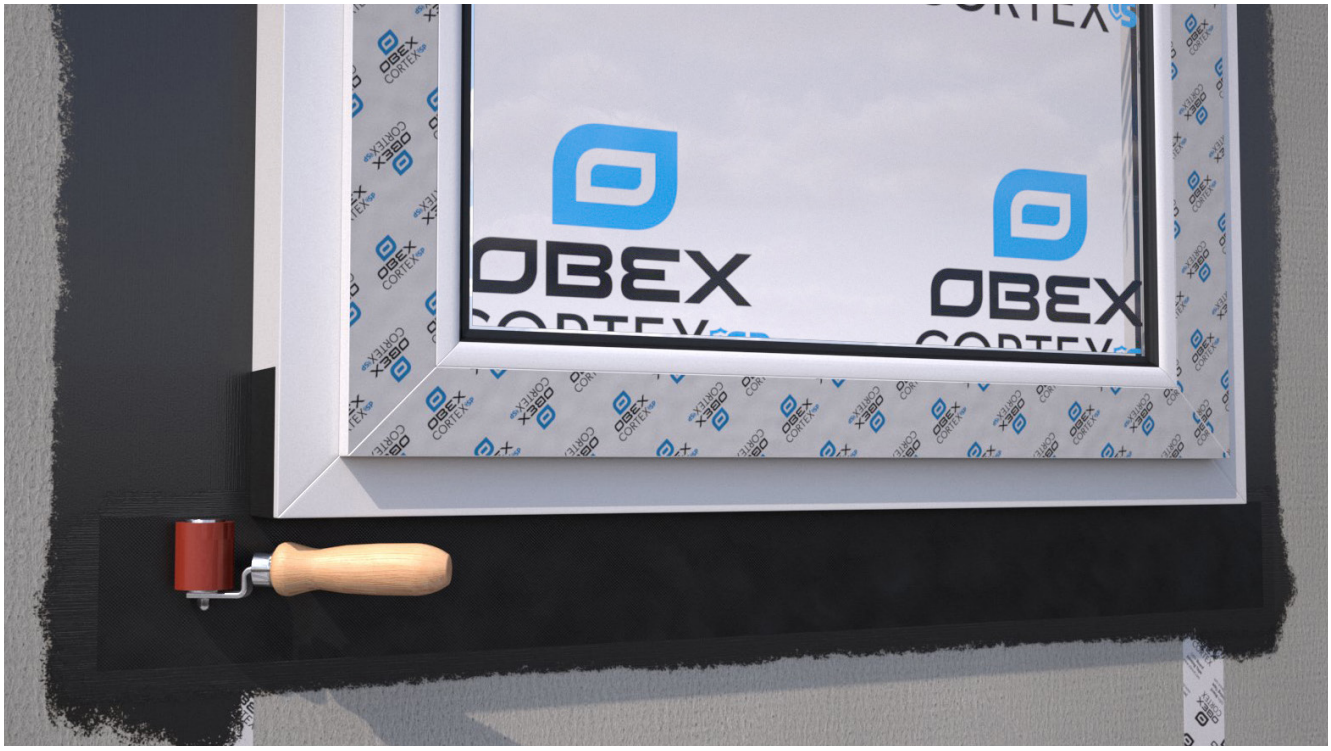
4 Remove the release liner from one side of the membrane.



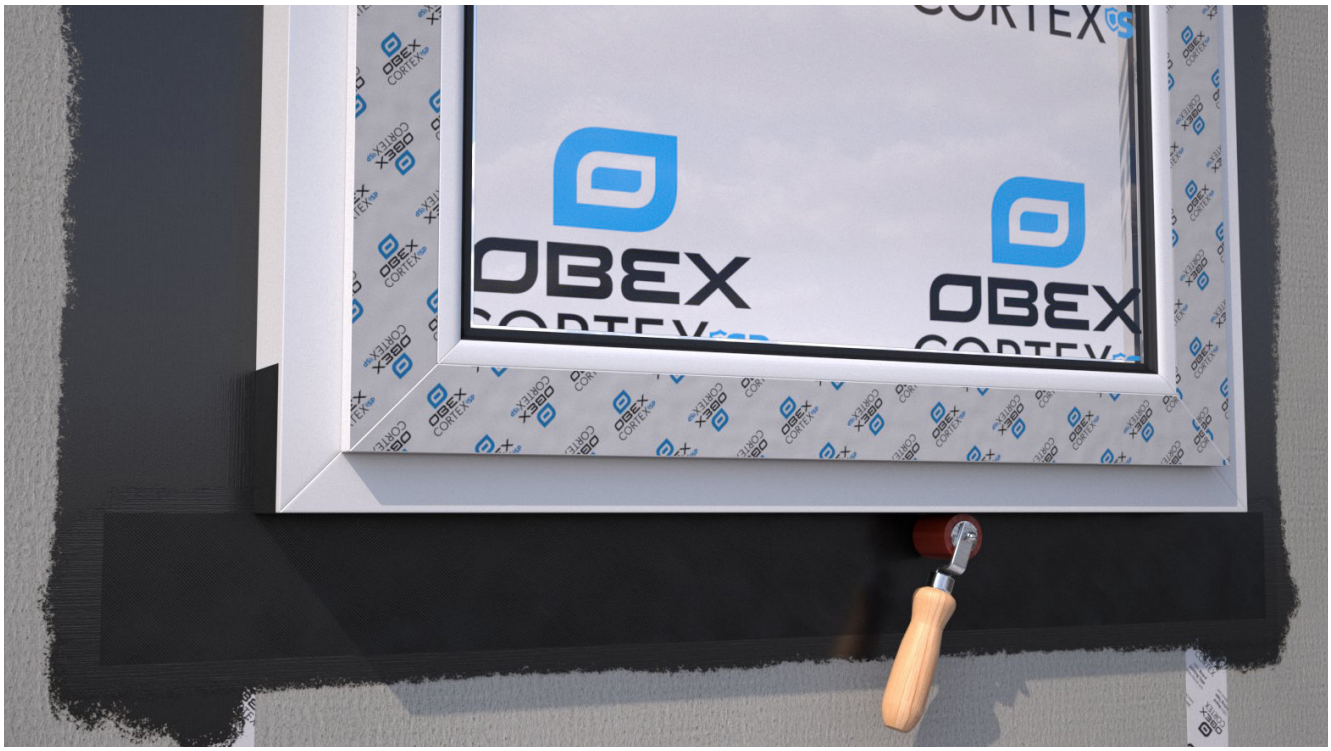
5 Bond the membrane in position starting at the window frame. Once positioned and bonded, the corner laps can be cut and folded into position.



6 Remove the release liner from the second half of the membrane.

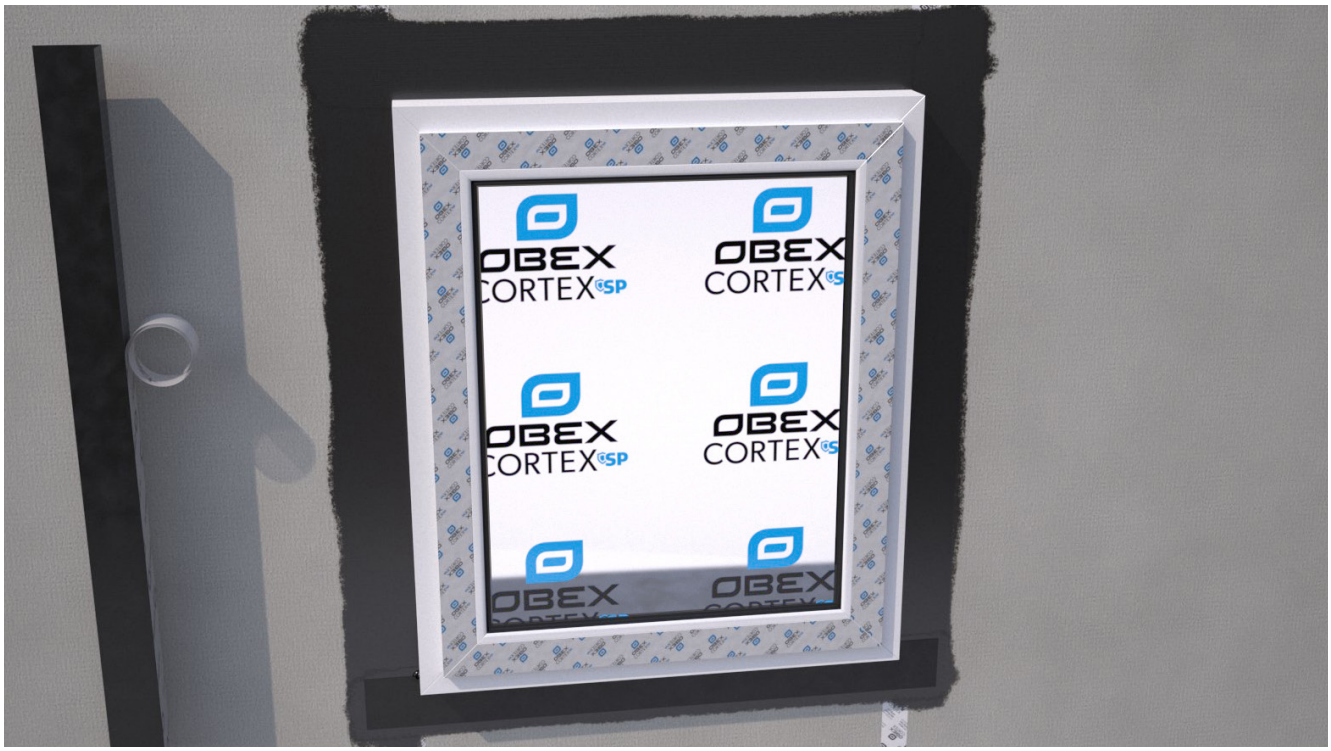


7 Bond the second half of the membrane into position and firmly roll with a roller.



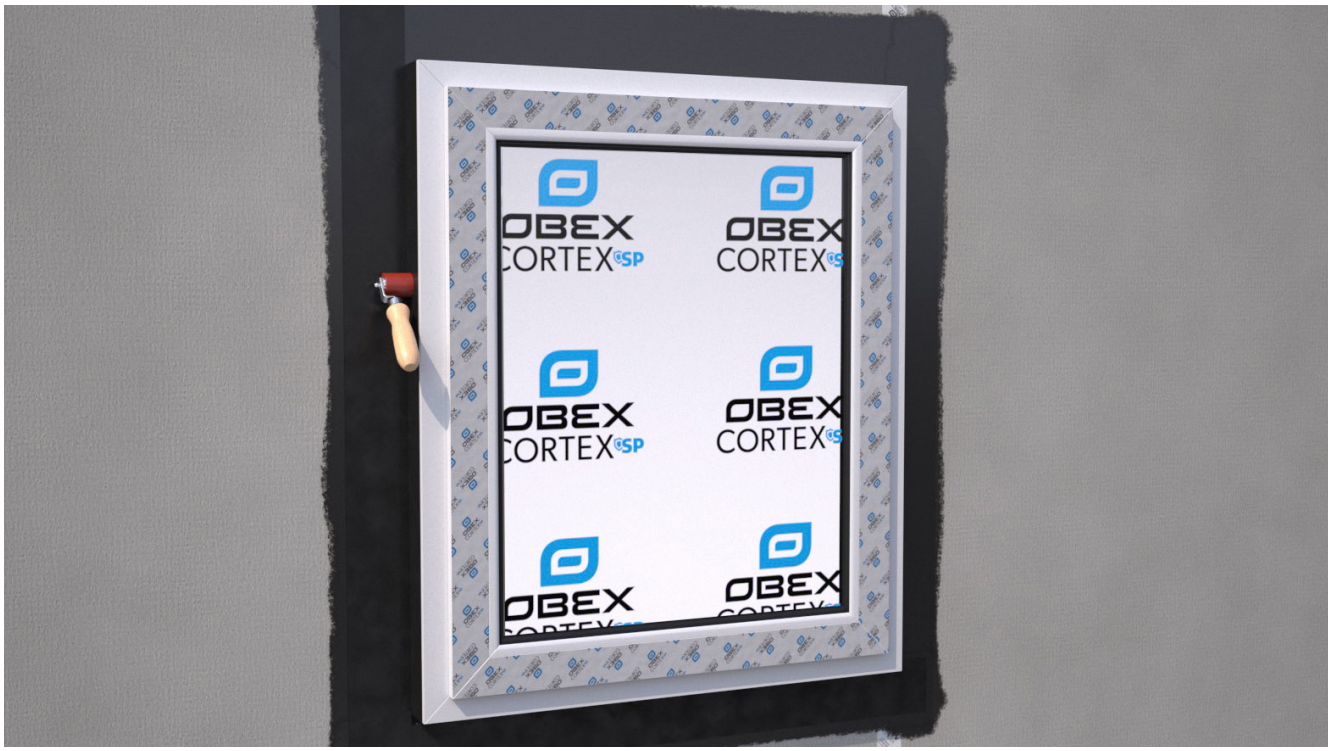
8 Ensure all surfaces are firmly rolled to ensure maximum bond strength is achieved.

9 Apply a small section of OBEX CORTEX 0771FR Class B Paste Adhesive to the corner area as shown (both sides of the window frame). Ensure the 0771FR Paste Adhesive is till wet/uncured when the next piece of 0560FR is installed.

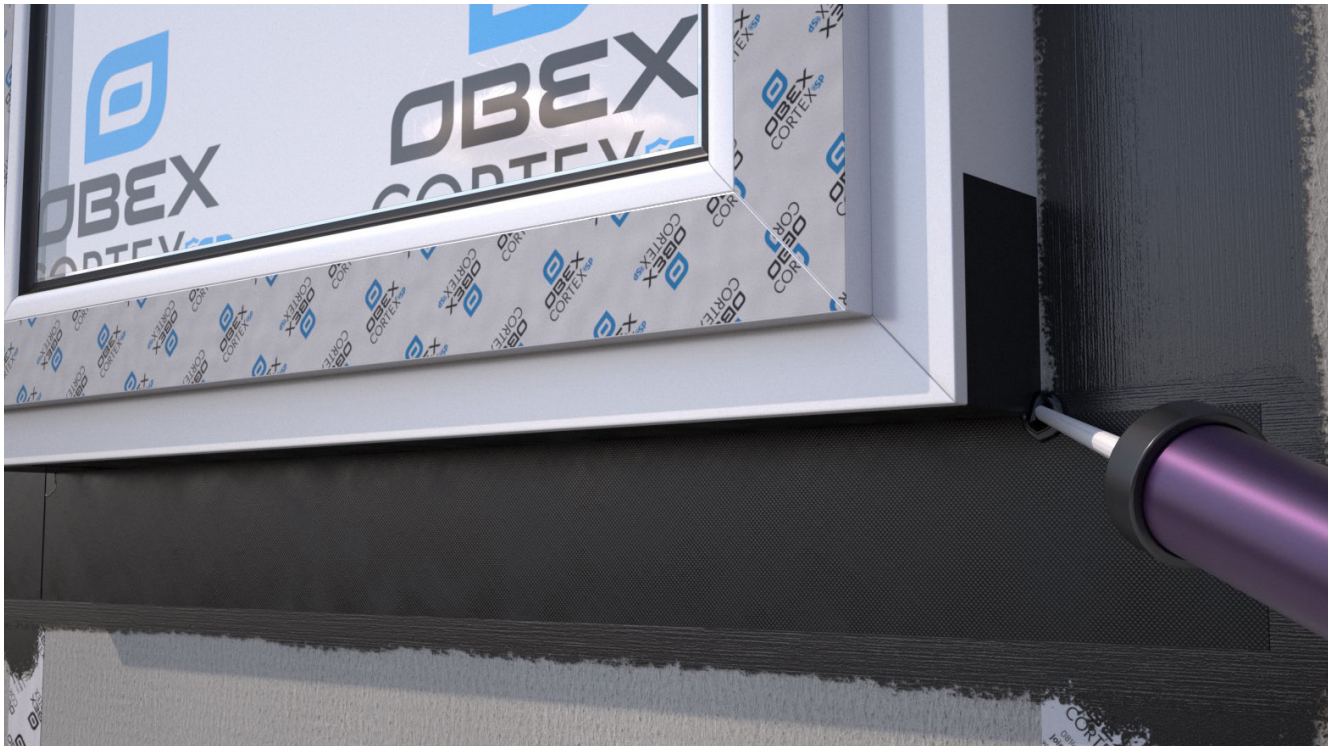


10 Repeat steps 3-9 for each side of the window frame.

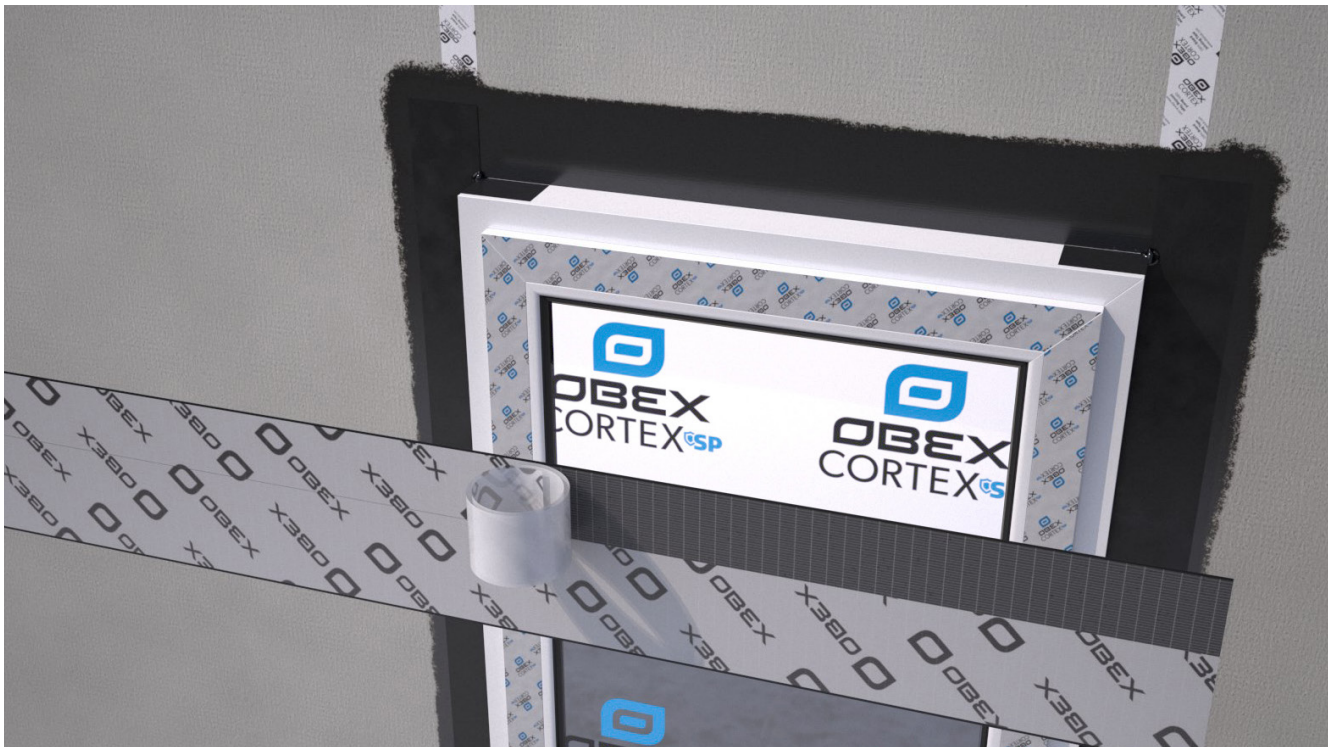
11 Cut the corner detail as shown above.



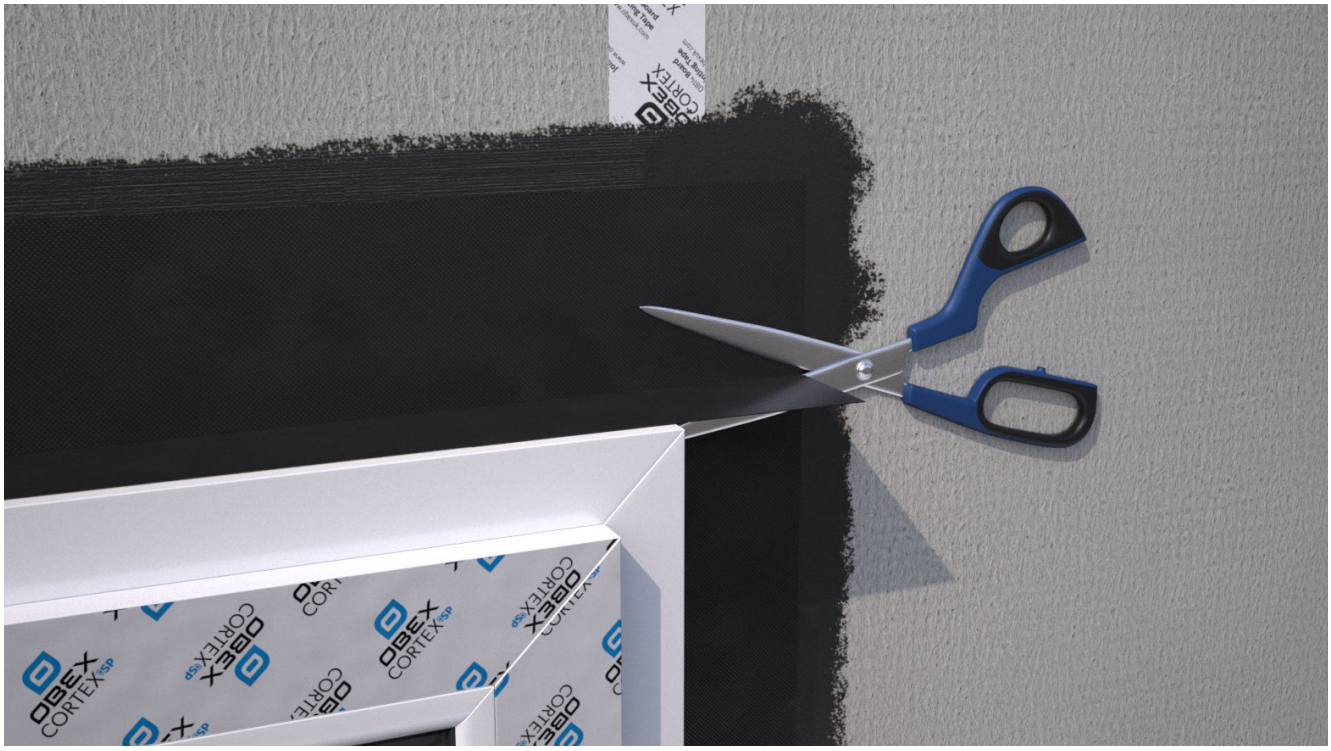
12 Ensure all surfaces are firmly rolled for maximum bond strength.



13 Ensure a small amount of OBEX CORTEX 0771FR Class B Paste Adhesive is applied in the corner areas as shown. Ensure the 0771FR Paste Adhesive is till wet/uncured when the next piece of 0560FR is installed.

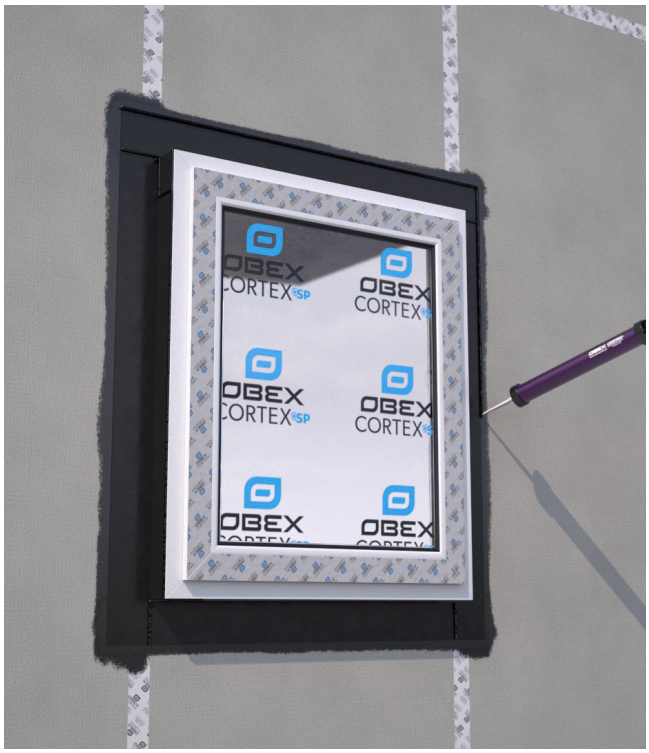


14 Repeat the same procedure for the Head membrane.

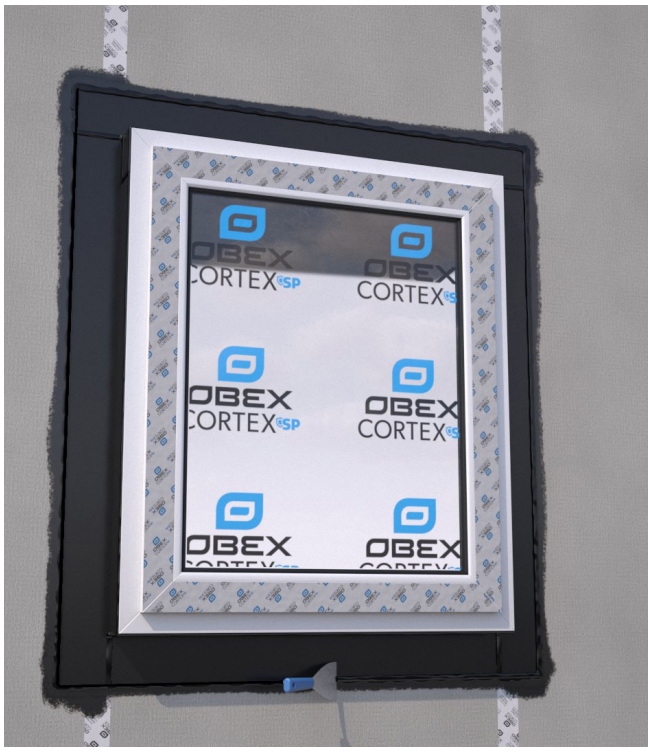


15 Cut and fold the corner laps into position.

16 Ensure all membrane surfaces are firmly rolled with a roller for maximum adhesion levels.



17 Apply a bead of OBEX CORTEX 0771FR Class B Paste Adhesive around all edges/joints/overlaps of the OBEX CORTEX 0560FR Class B Self Adhesive ISM.



18 Tool-off the bead of adhesive with a spreader to ensure all edges/joints/overlaps are fully sealed.

19

This is how ISM's around windows should look once complete.

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