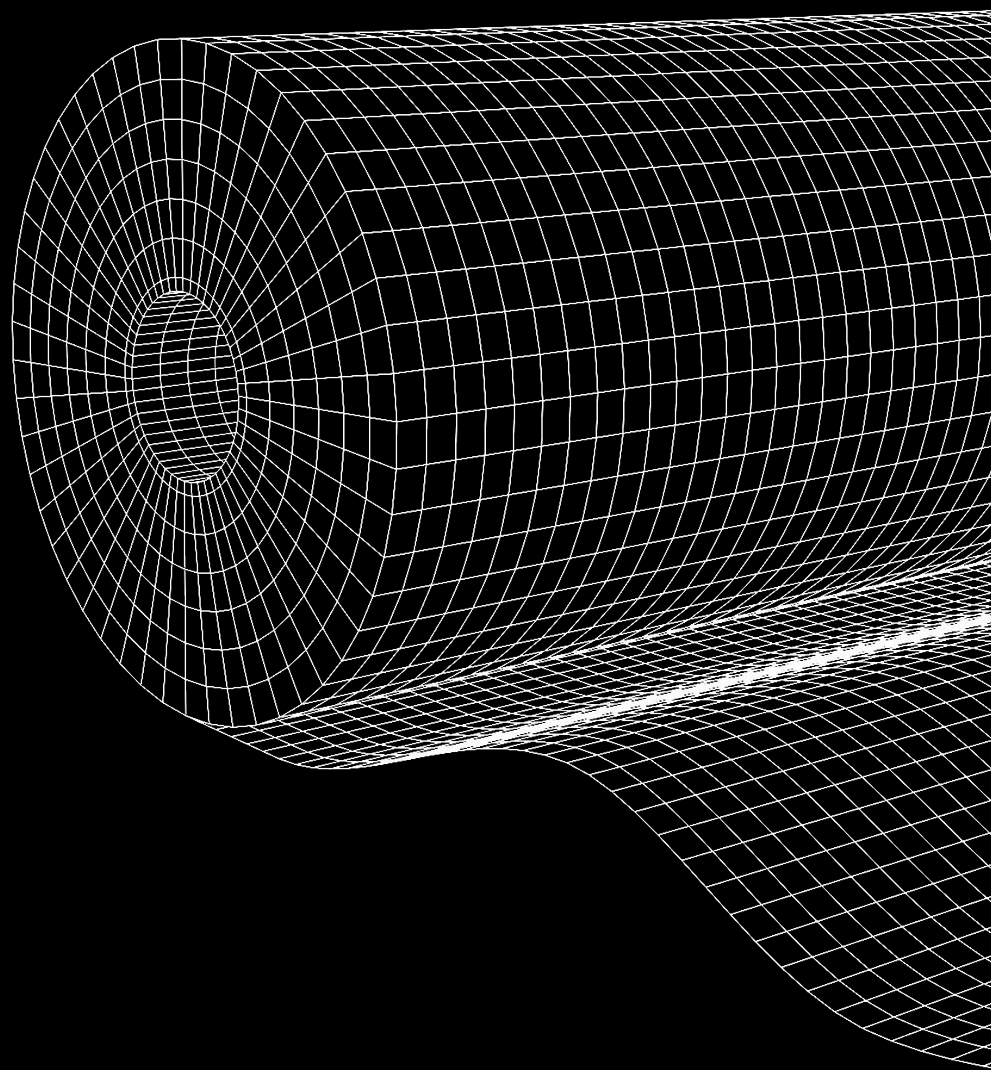


 INSTALLATION GUIDE

**OBEX**  **CORTEX**<sup>®</sup>

# EPDM Membranes

Version 01.01.01



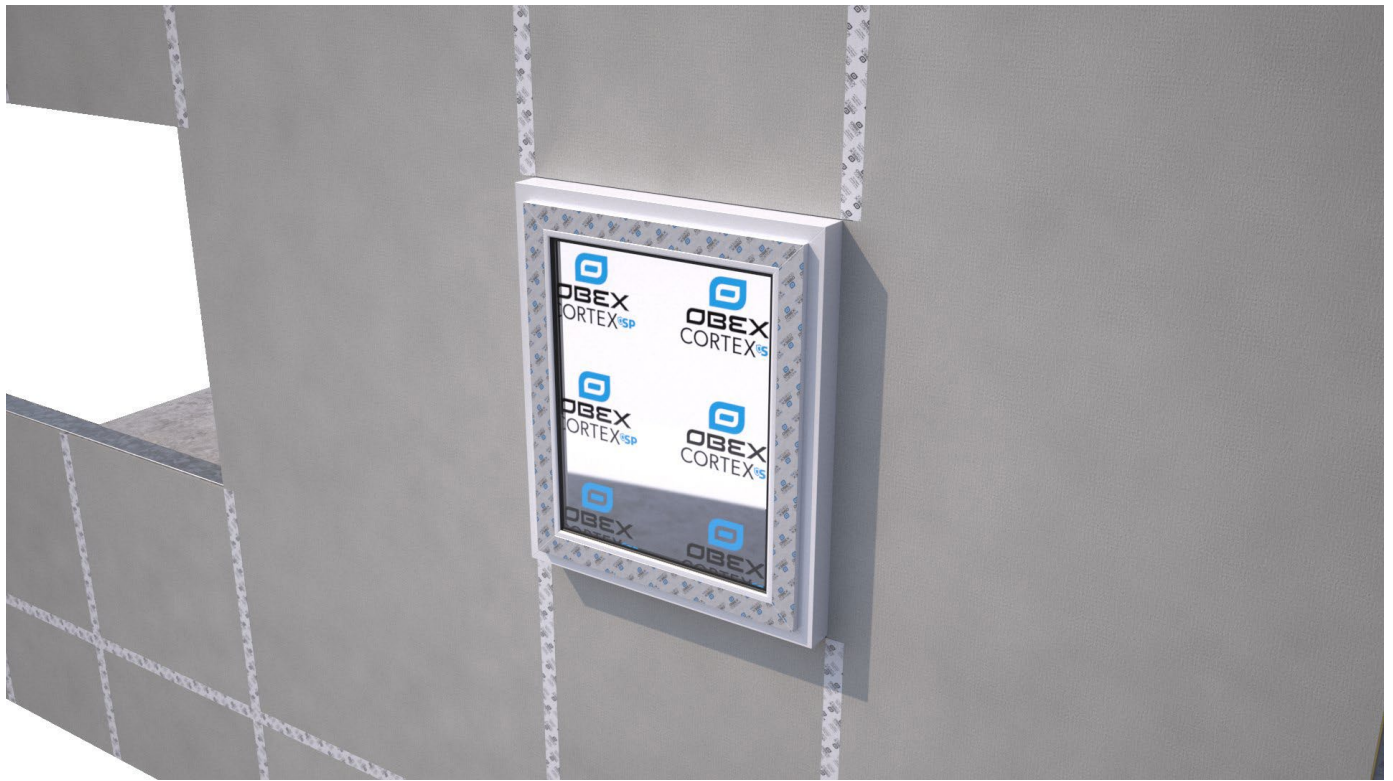
 **OBEX**<sup>®</sup>

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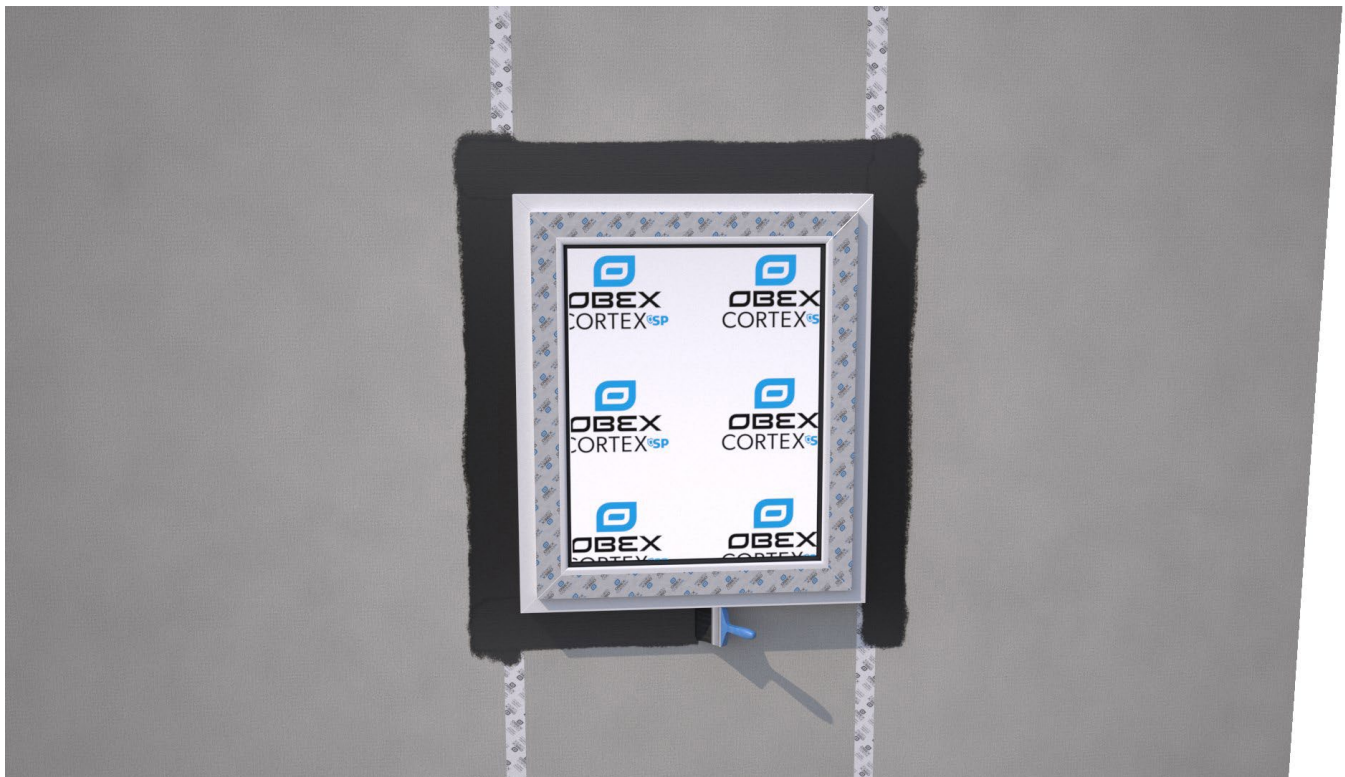
## Important Notes

- » Porous substrates may require priming using OBEX CORTEX 0785 Primer or OBEX CORTEX 0786 Spray 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 between members and porous materials (concrete, brick) is 100mm.
- » For non-porous materials, we recommend a minimum of 20mm-30mm.
- » Ensure the paste is spread out evenly and firmly roll the membrane into the paste to ensure proper bonding.
- » Make sure to adequately cap off all edges of the membrane with paste, leaving no exposed edges.
- » The rolls may invariably contain joins. These should be overlapped and bonded by a minimum of 50mm.
- » This membrane has a fibrous construction.



1

Ensure the window surround is complete and ready to receive the EPDM.  
Mark up the substrate 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

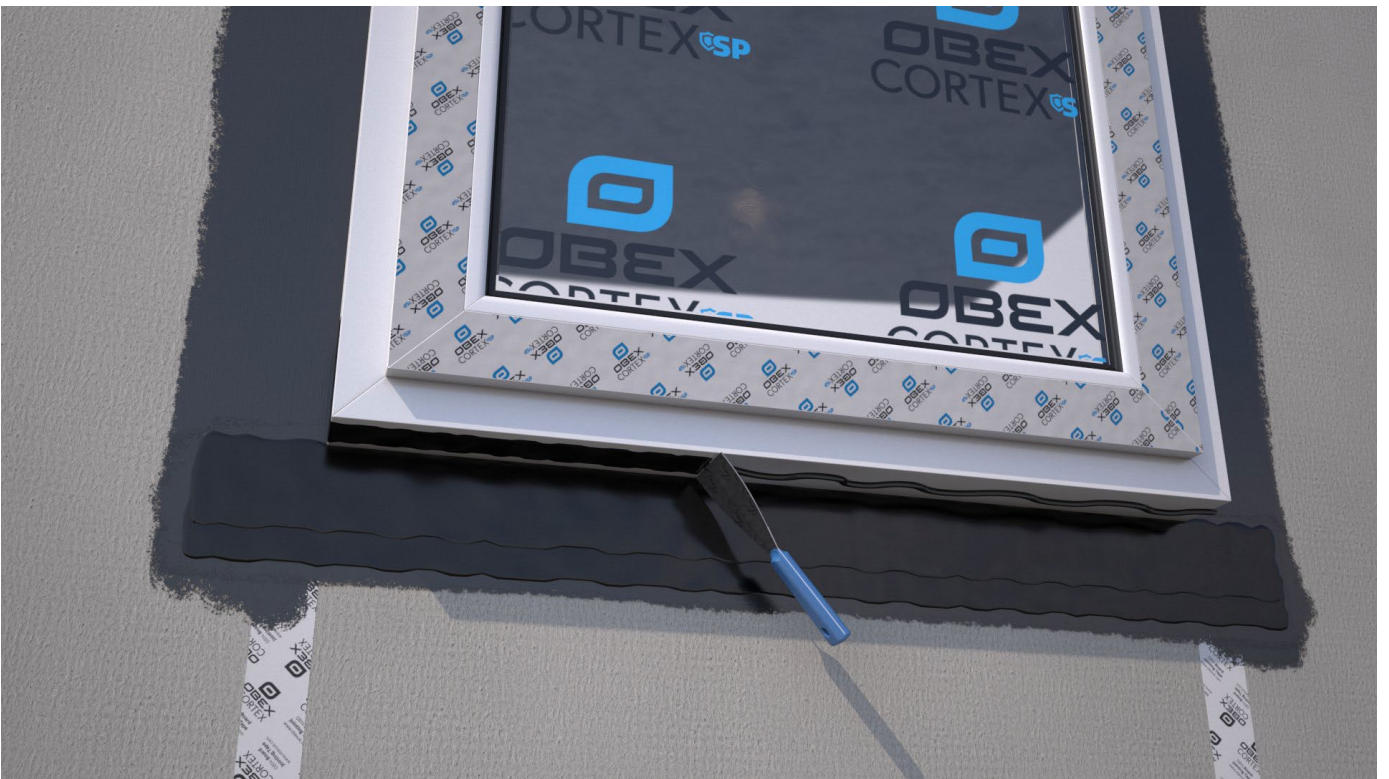
Apply OBEX CORTEX 0785 Primer to porous surfaces. Ensure a full coverage over the bonding area. Porous surfaces include cement board, calcium silicate board, concrete etc.





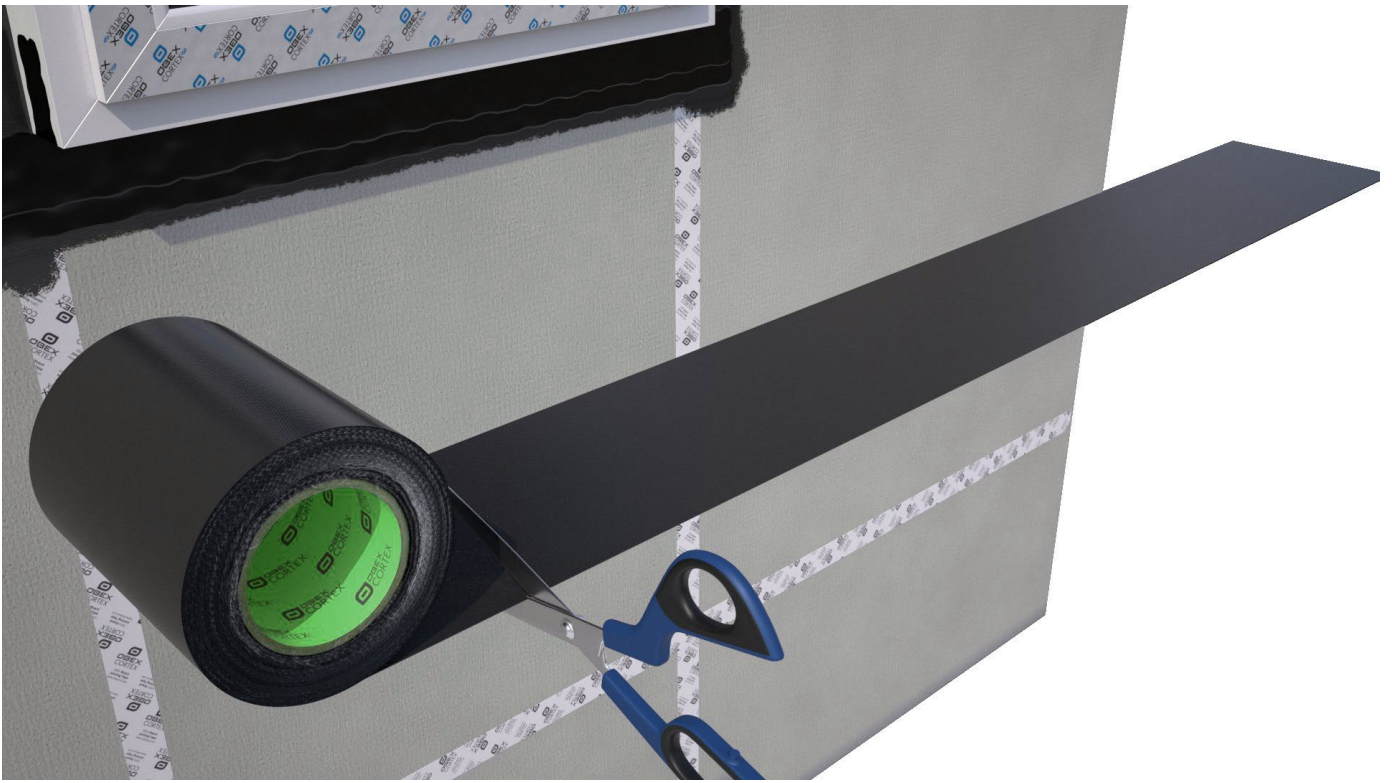
3

Apply OBEX CORTEX 0769 Paste adhesive to the frame and substrate surface using a paste adhesive gun.



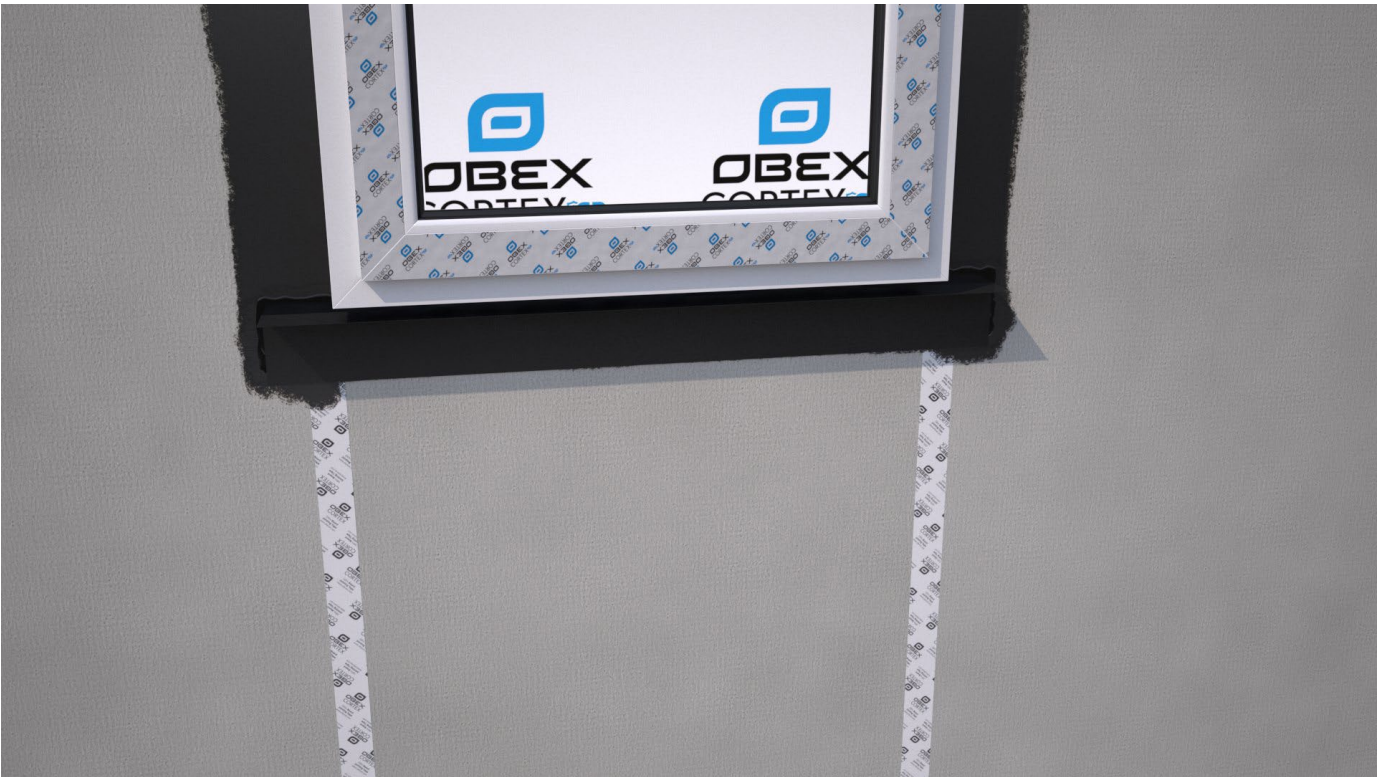
4

Spread out the 0769 paste using an adhesive spreader.



5

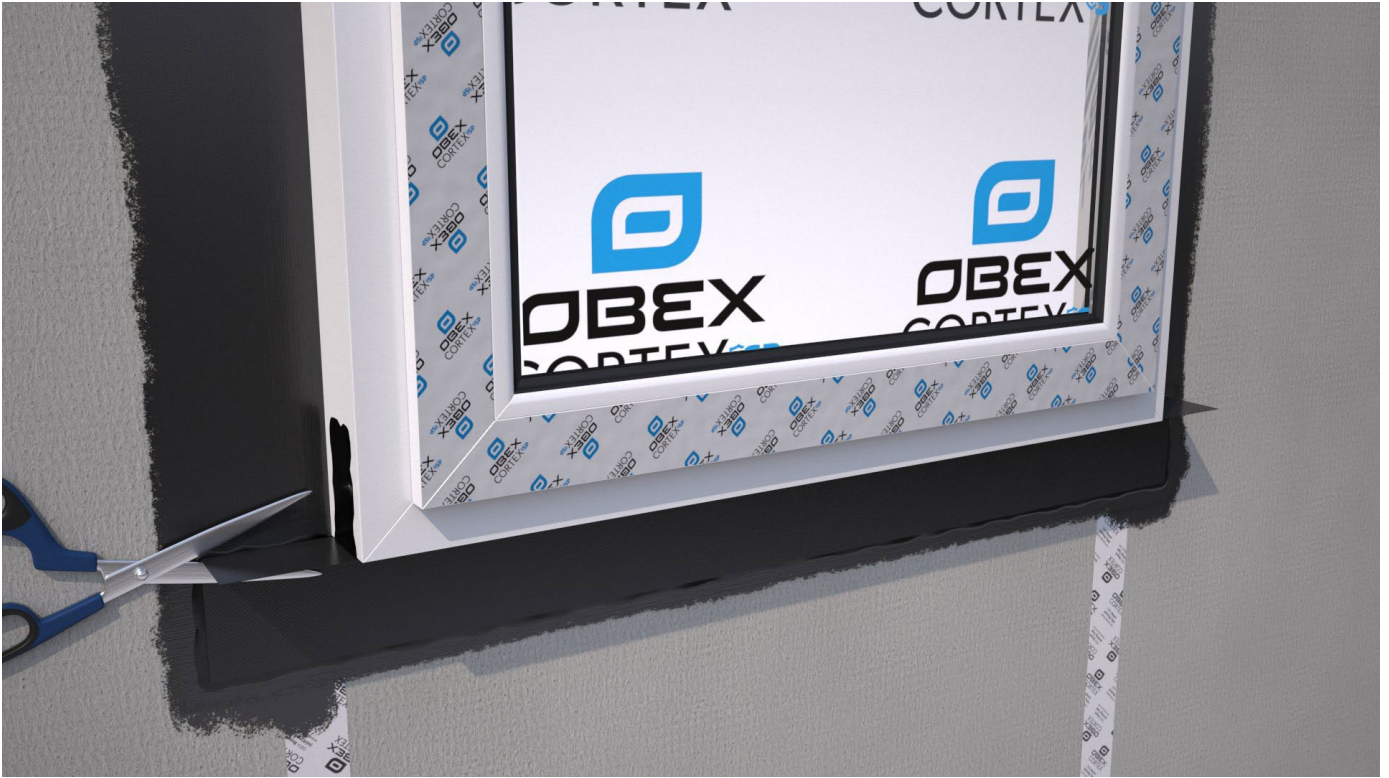
Cut the EPDM Membrane to length. Ensure the length of membrane extends at least 100mm past each side of the window.



6

Bond the EPDM Membrane to the frame first, and then bond back to the substrate. Ensure the membrane is applied flat, without creases, and tension free. It is mandatory that the cill membrane is installed first.





7

Create an incision as shown by the scissors. Fold and bond the membrane up the frame, ensuring it's applied flat and without creases.



8

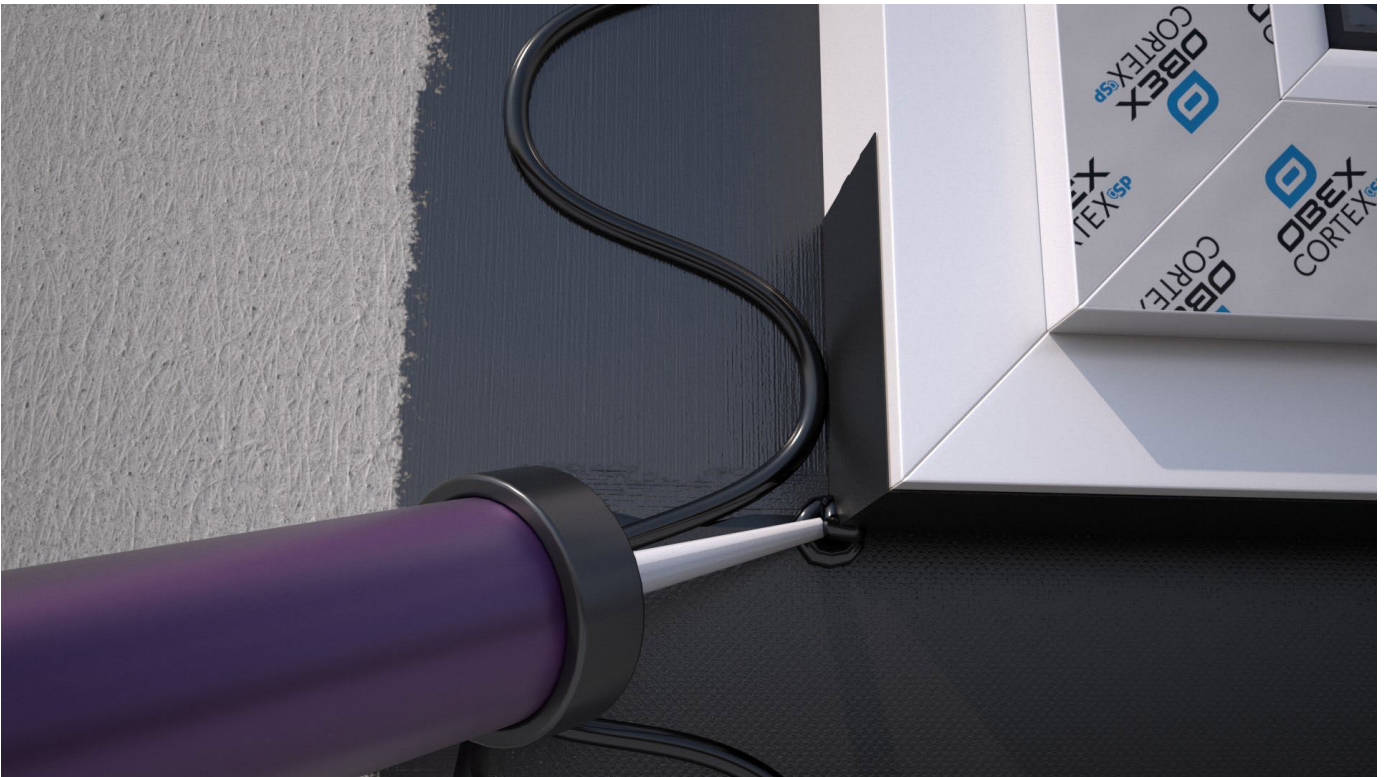
Roll firmly with a seam roller to ensure maximum bond strength to the frame and the substrate.





9

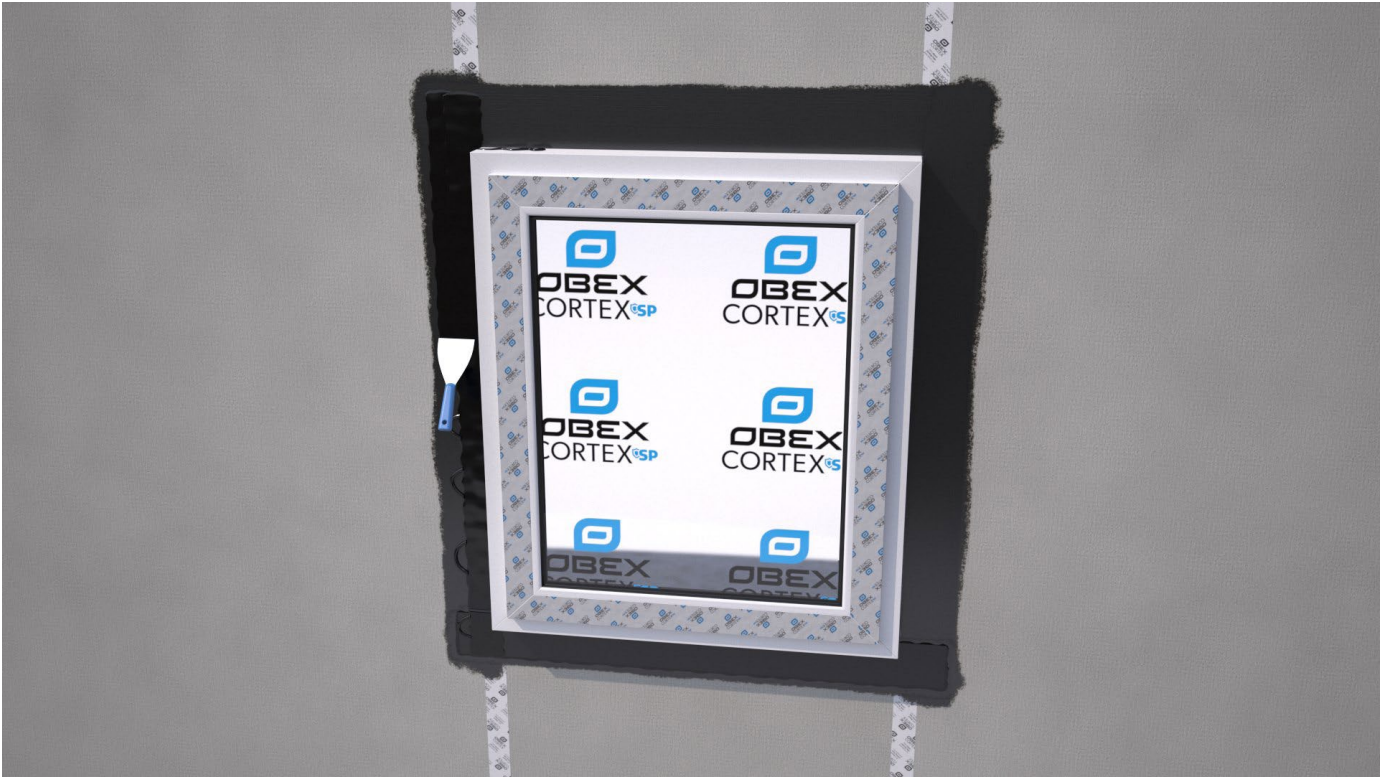
Apply OBEX CORTEX 0769 Paste Adhesive to the sides of the frame and substrate.



10

IMPORTANT: Apply a small bead of paste adhesive at corner location. This is to ensure the corners are adequately sealed.





11

Spread out the paste adhesive using an adhesive spreader.



12

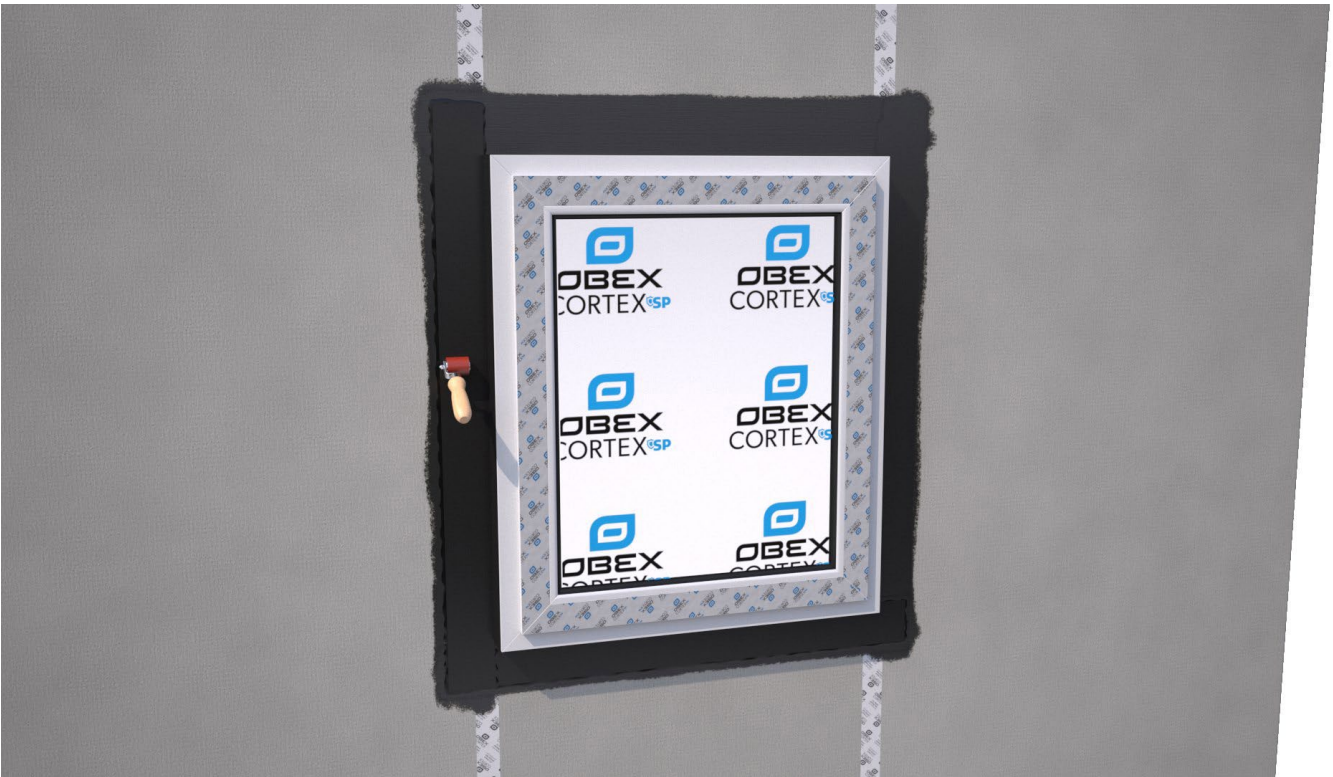
Bond the 0769 Membrane to the frame first, and then bond back to the substrate. Ensure the membrane is applied flat, without creases, and tension free.





13

Create an incision as shown by the scissors. Fold and bond the membrane round the frame, ensuring it's applied flat and without creases.



14

Roll firmly with a seam roller to ensure maximum bond strength to the frame and the substrate.





Repeat steps 12-18 for the other side of the frame.

15



Apply OBEX CORTEX 0769 Paste Adhesive to the head of the frame and substrate.

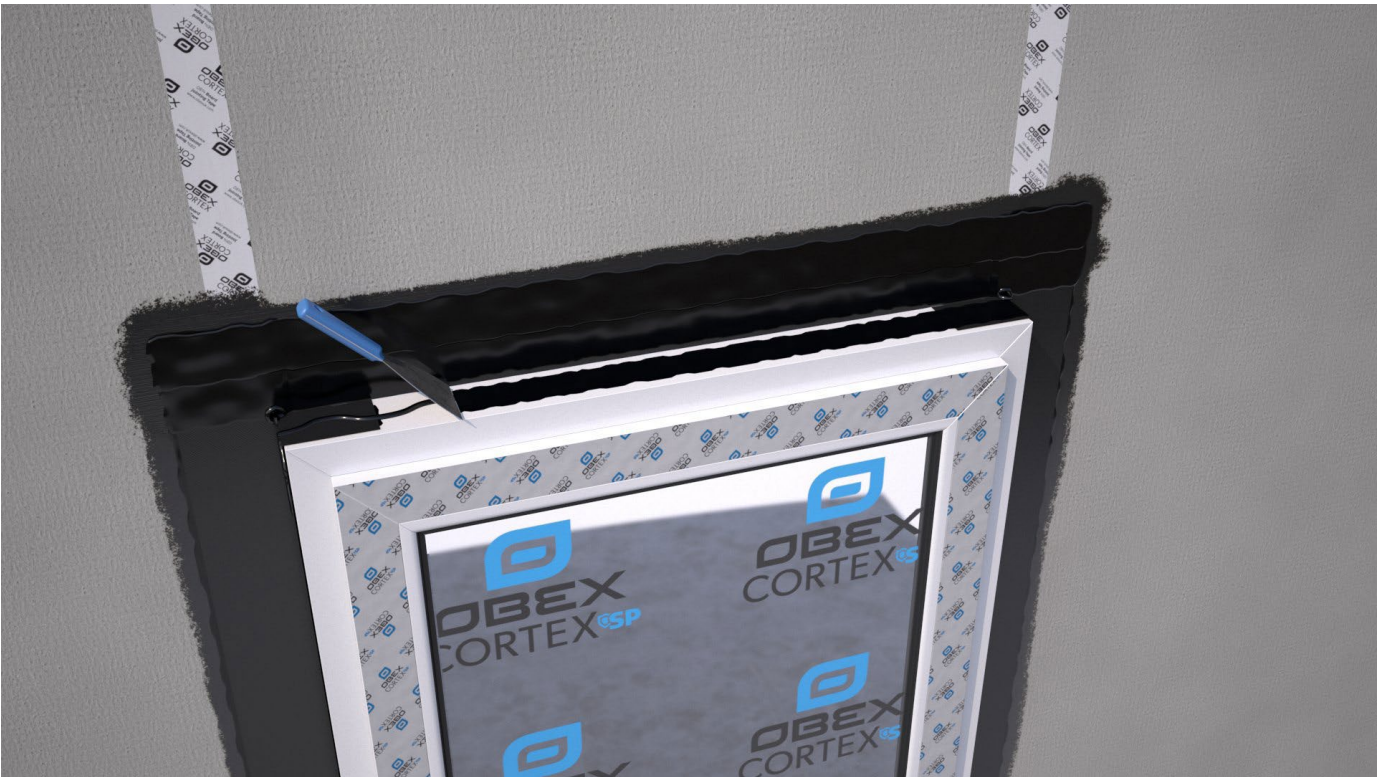
16





17

IMPORTANT: Apply a small bead of paste adhesive at corner location. This is to ensure the corners are adequately sealed.



18

Spread out the paste adhesive using an adhesive spreader.





19

Bond the EPDM Membrane to the frame first, and then bond back to the substrate. Ensure the membrane is applied flat, without creases, and tension free.



20

Create an incision as shown by the scissors. Fold and bond the membrane round the frame, ensuring it's applied flat and without creases.





21

Roll firmly with a seam roller to ensure maximum bond strength to the frame and the substrate.



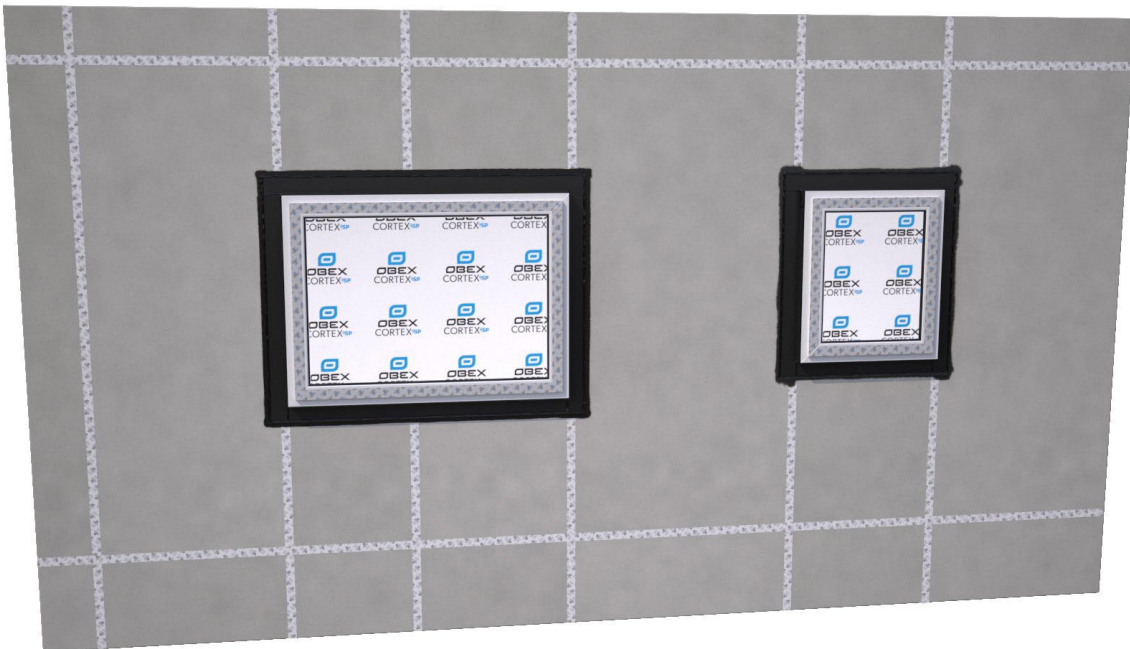
22

Apply a bead of OBEX CORTEX 0769 Paste Adhesive around the perimeter and over any joints/overlaps.



23

Tool off the paste adhesive using an adhesive spreader and ensure there are no open edges.



24

This is how EPDM around windows should look once complete.







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