

With Contact Adhesive

 INSTALLATION GUIDE

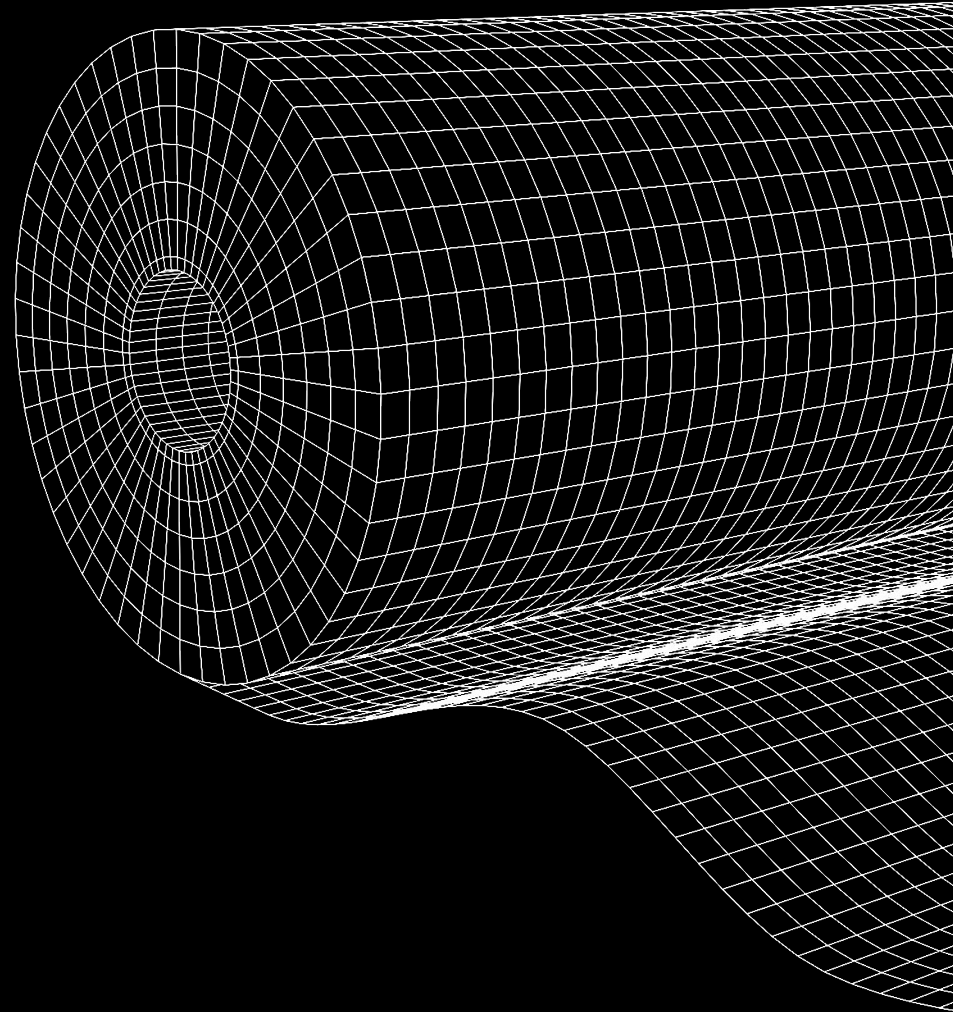
OBEX  **CORTEX^{FR}**

0500FR

Interface Sealing Membrane

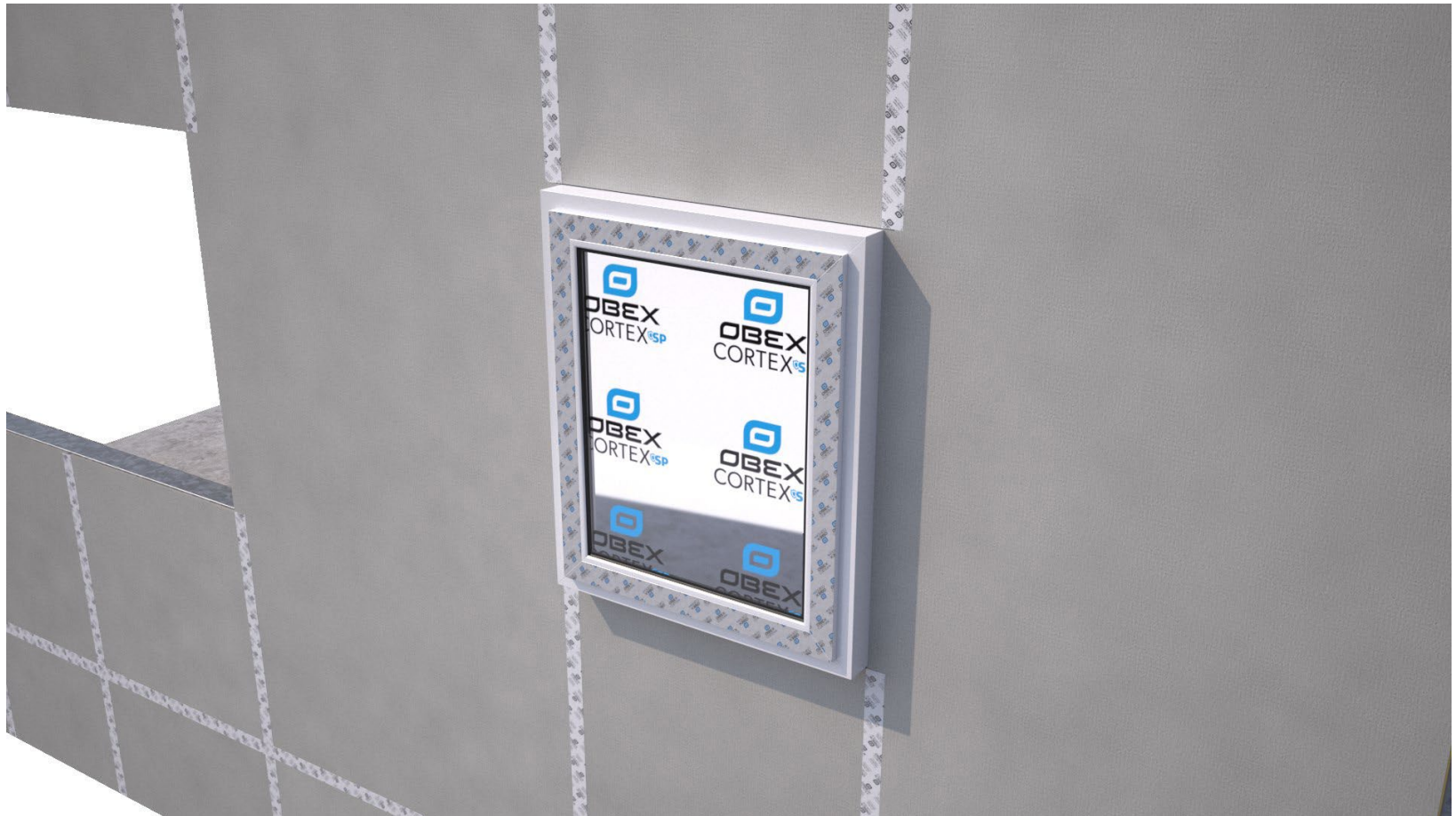
Class B

 **OBEX[®]**



Important Notes

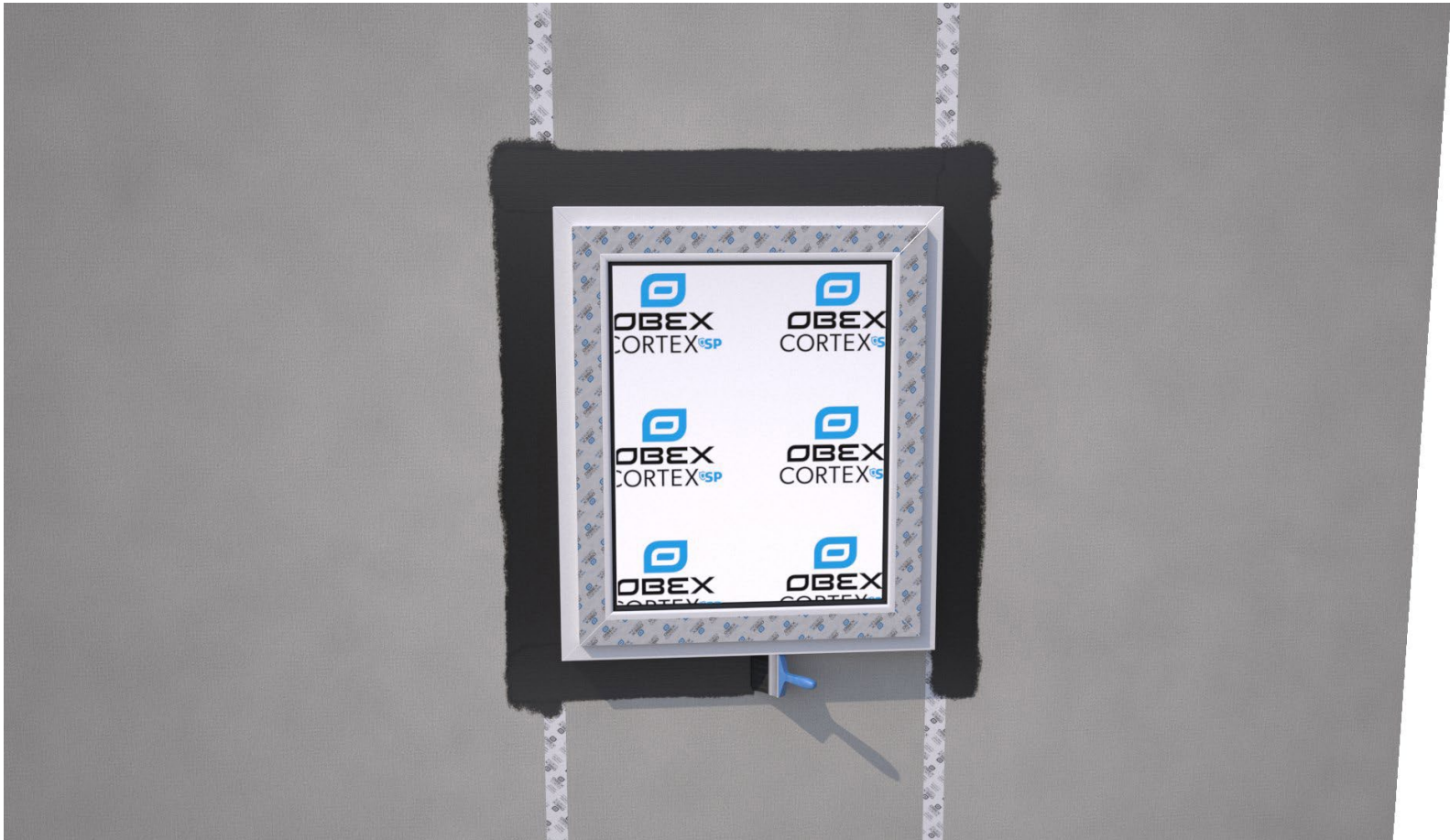
- » Before application prime all Porous surfaces with OBEX CORTEX 0787FR Class B Non-Flammable Surface Primer.
- » The required overlap between members and porous materials (concrete, brick) is 100mm.
- » For non-porous materials, we recommend a 50mm bond width, and an absolute minimum of 30mm.
- » Ensure contact adhesive is applied to both surfaces (substrate and the back of the membrane), and the membrane is firmly rolled to ensure proper bonding.
- » Make sure to adequately cap off all edges of the membrane with paste, leaving no exposed edges.
- » It is the responsibility of the user to check for compatibility and ensure that the most suitable adhesive is used for the application.



1

Ensure the window surround is complete and ready to receive the ISM.

Mark up the substrate to ensure the correct bond widths are achieved. The required bond widths are; 100mm onto porous surfaces (concrete etc) and 50mm onto non-porous surfaces (absolute minimum of 20-30mm).



2

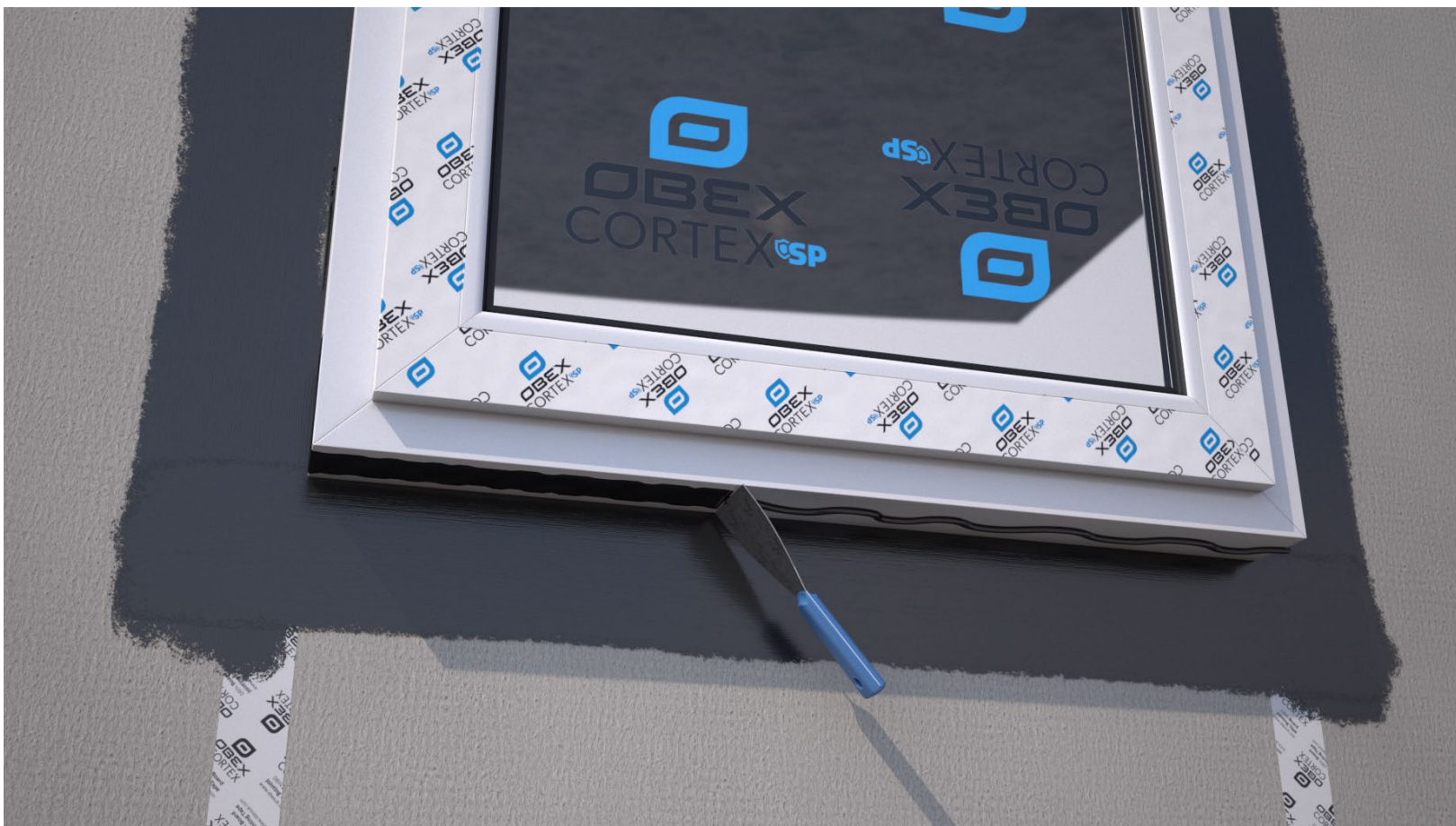
Apply OBEX CORTEX 0787FR Primer to porous surfaces. Ensure a full coverage over the bonding area. Porous surfaces include cement board, calcium silicate board, concrete etc.



3

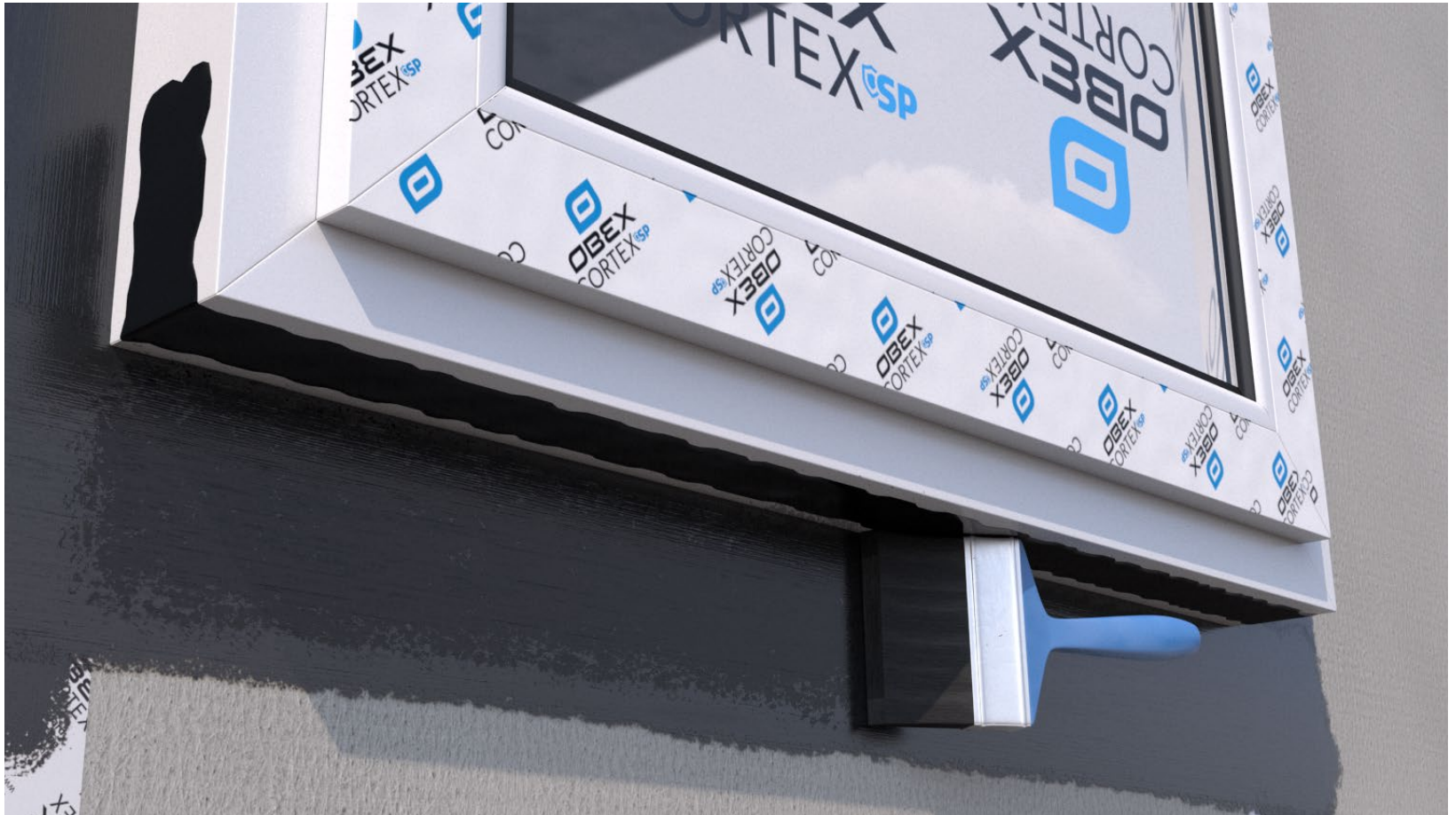
For Profiled / Rough Windows: Apply OBEX CORTEX 0771FR Class B Paste adhesive to the frame using a paste adhesive gun.

For Flat / Smooth Surface Windows: Apply OBEX CORTEX 0778FR Class B Contact adhesive to the frame and substrate surface using a brush.



4

For Profiled / Rough Windows: Spread out the 0771FR paste using an adhesive spreader.
For Flat / Smooth Surface Windows: Move onto the next step



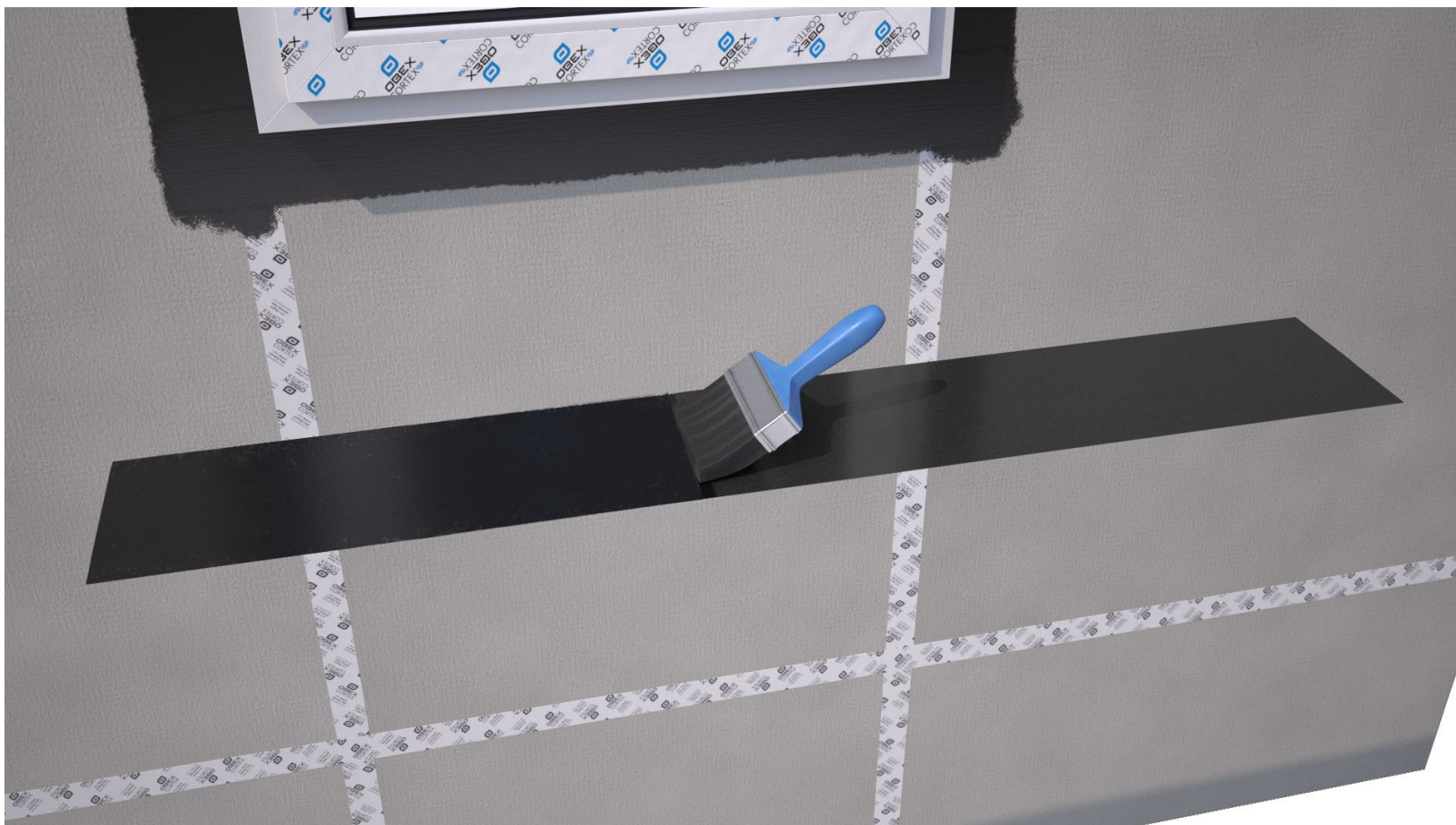
5

Apply the OBEX CORTEX 0778FR Contact Adhesive onto the substrate using a brush or roller. Ensure a full surface coverage. Leave for 10 minutes to flash off.



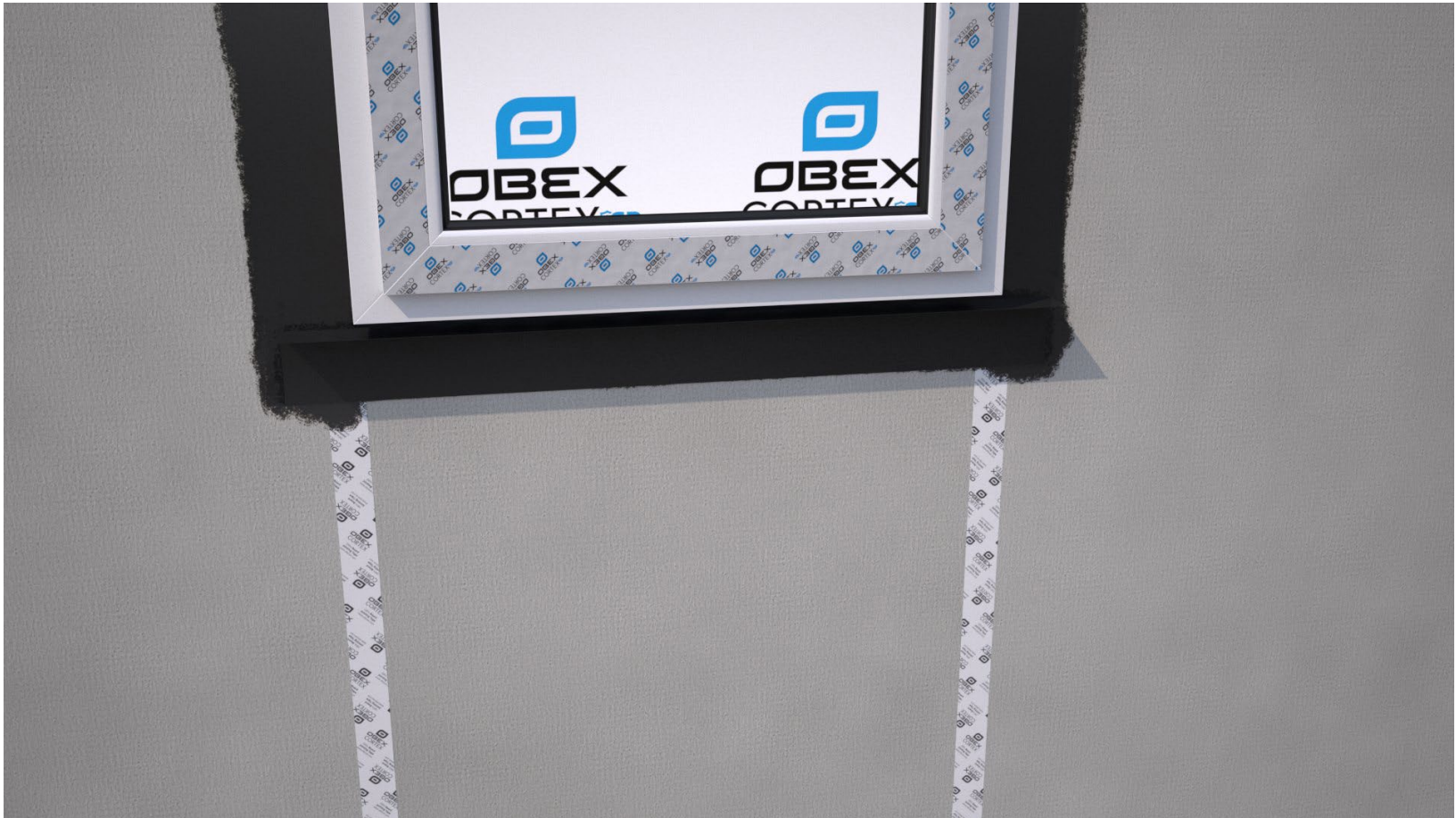
6

Cut the 0500FR Membrane to length. Ensure the length of membrane extends at least 100mm past each side of the window.



7

Apply the OBEX CORTEX 0778FR Contact Adhesive onto the reverse side of the membrane. Wait for 10 minutes to let the adhesive flash-off before moving onto the next step.



8

Bond the O500FR 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.



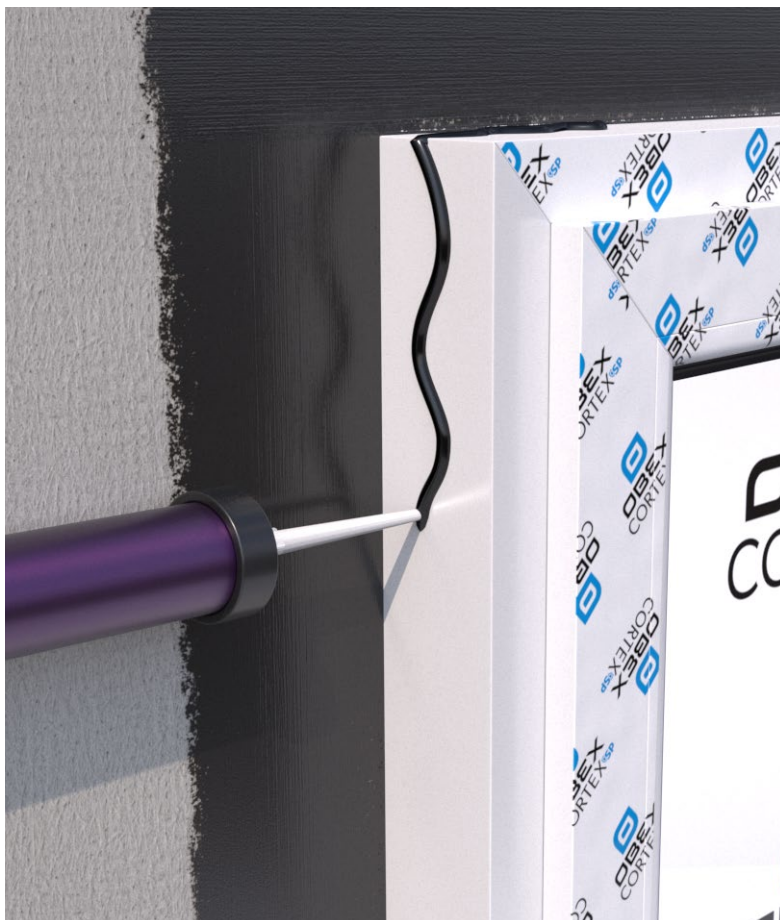
9

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



10

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



11

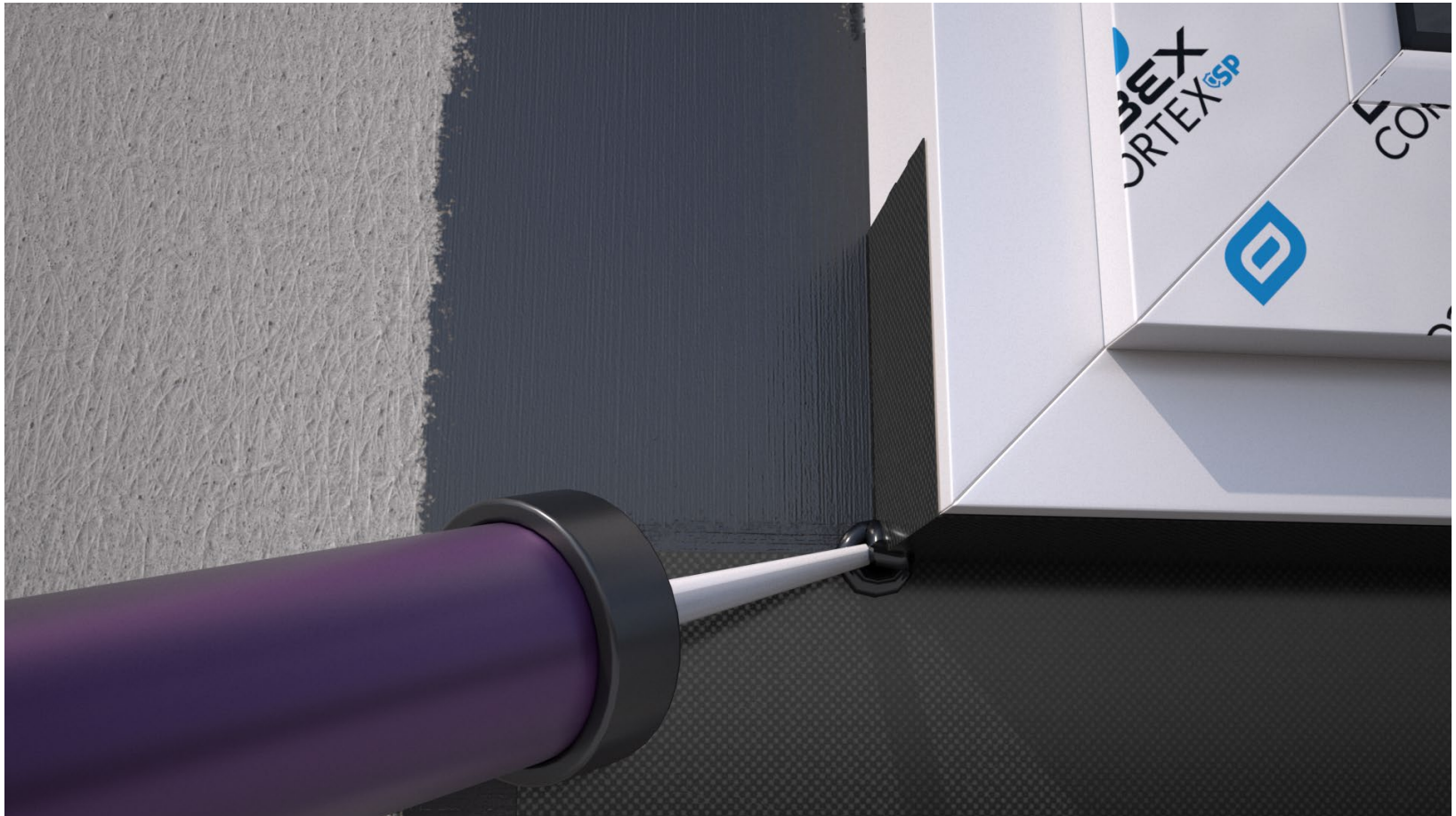
For Profiled / Rough Windows: Apply OBEX CORTEX 0771FR Class B Paste adhesive to the side of the frame using a paste adhesive gun.

For Flat / Smooth Surface Windows: Apply OBEX CORTEX 0778FR Class B Contact adhesive to the side of the frame and substrate surface using a brush.



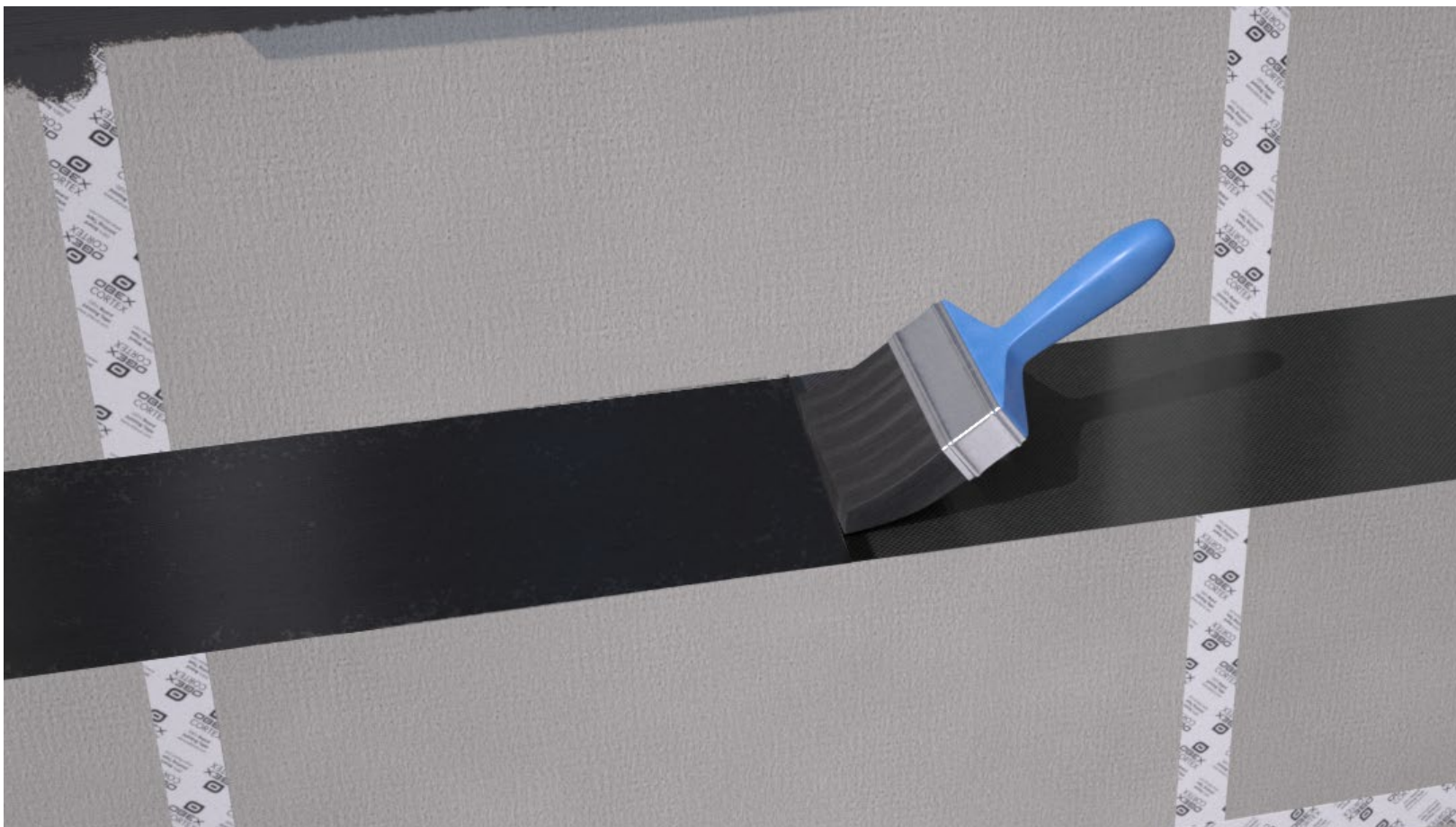
12

For Profiled / Rough Windows: Spread out the 0771FR paste using an adhesive spreader.
For Flat / Smooth Surface Windows: Move onto the next step



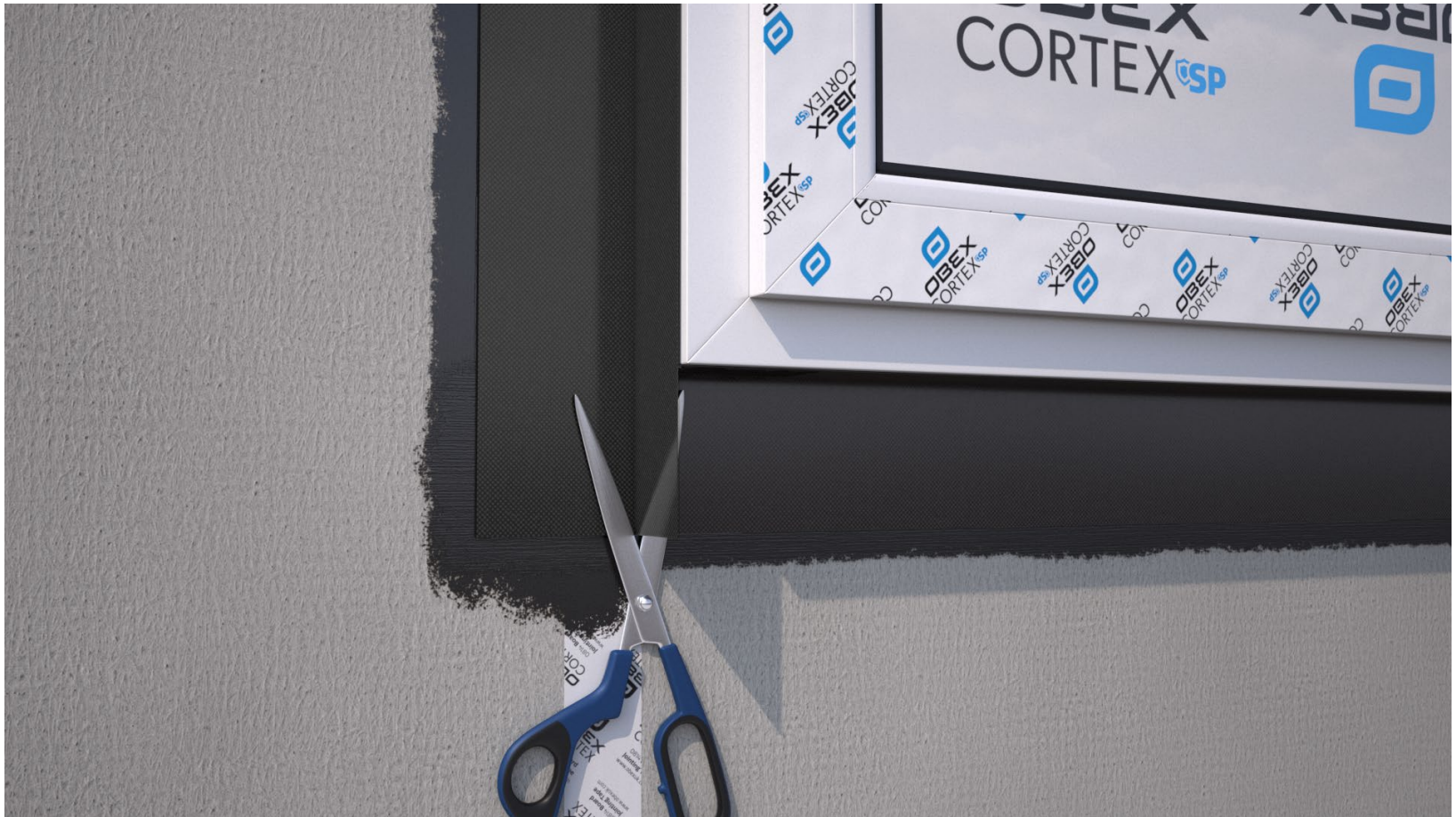
13

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



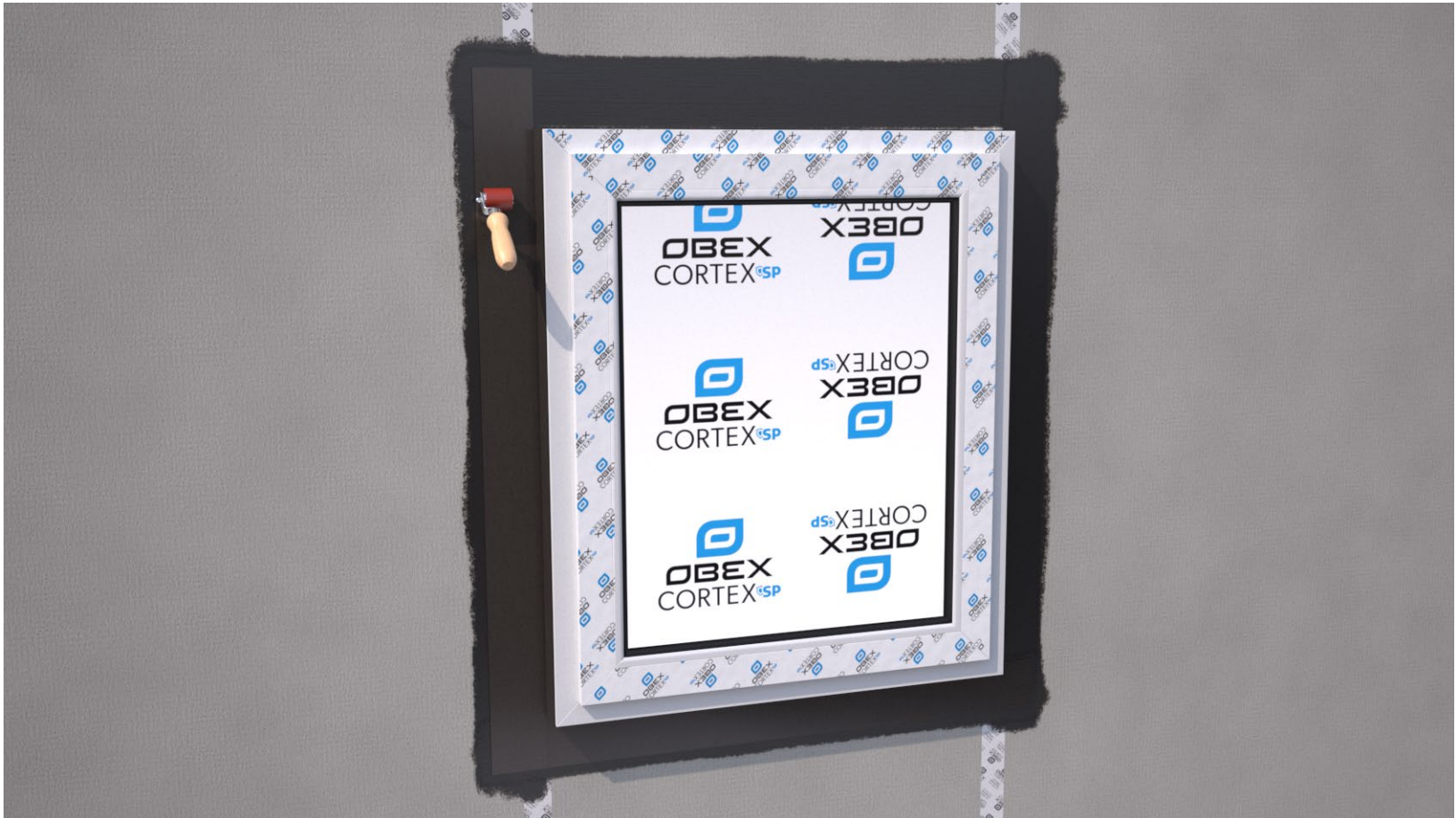
14

Repeat steps 6 to 8



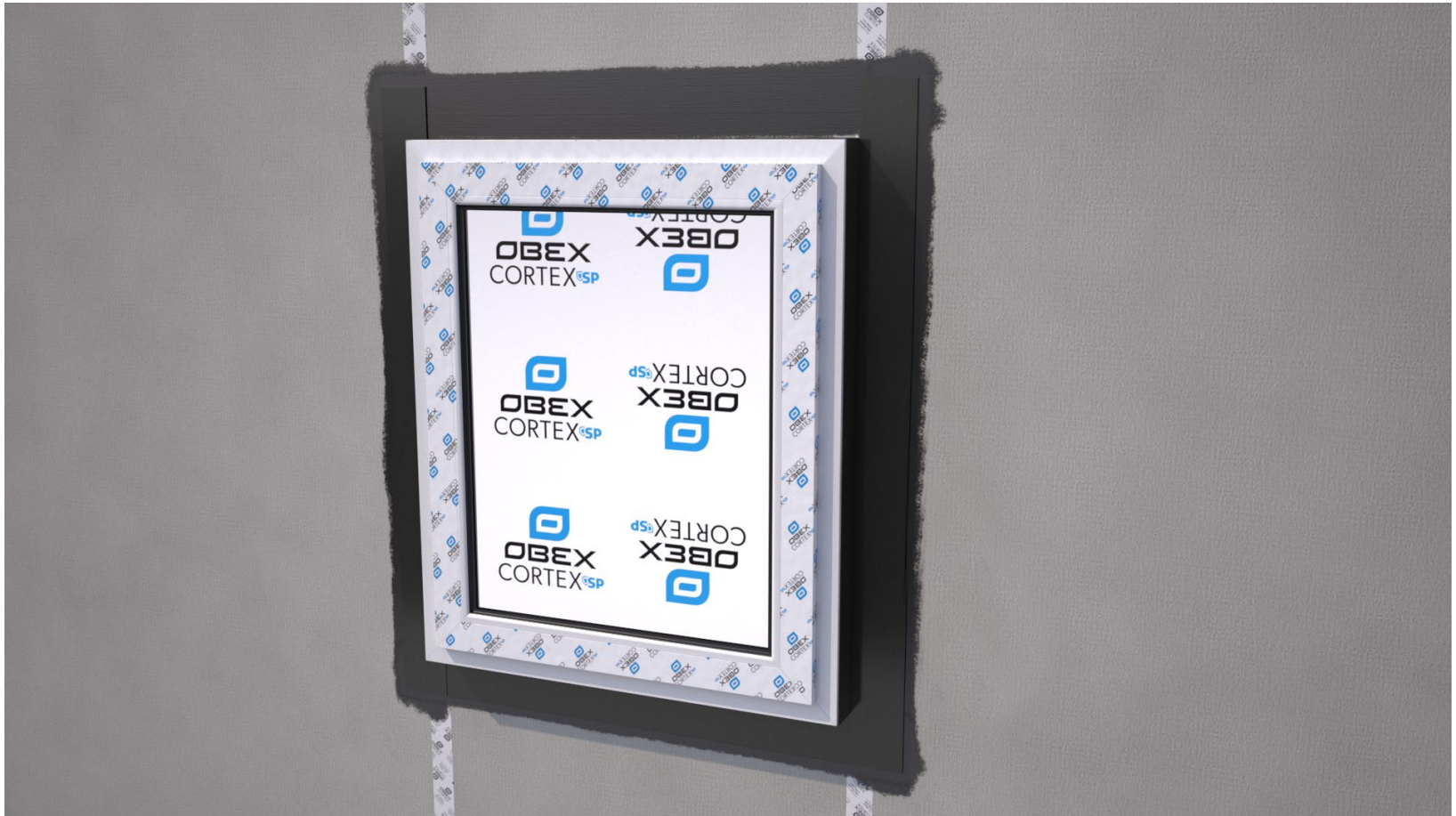
15

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



16

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



17

Repeat steps 11 - 16 for the other side of the frame



18

For Profiled / Rough Windows: Apply OBEX CORTEX 0771FR Class B Paste adhesive to the head of the frame using a paste adhesive gun.

For Flat / Smooth Surface Windows: Apply OBEX CORTEX 0778FR Class B Contact adhesive to the head of the frame and substrate surface using a brush.



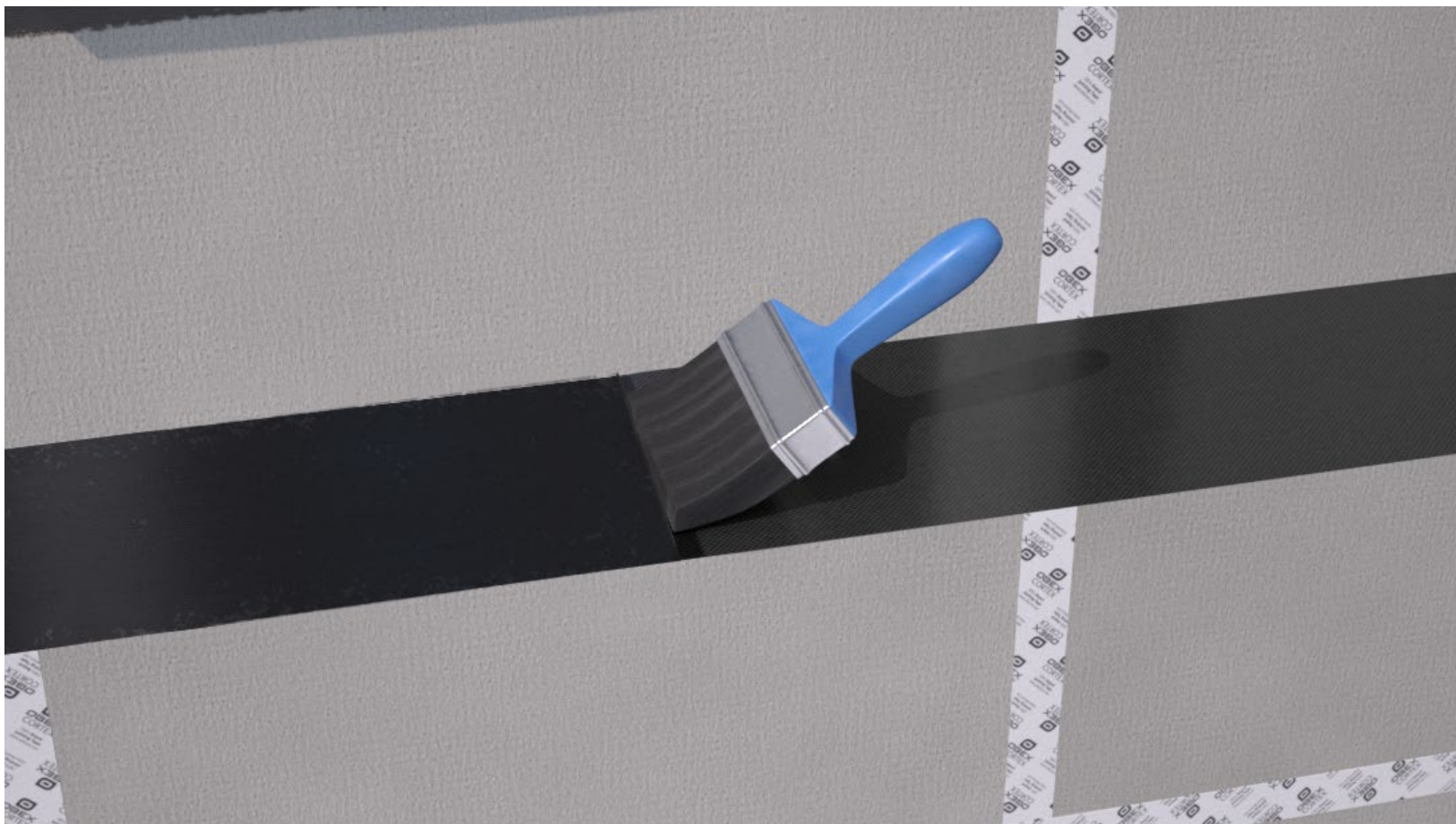
19

For Profiled / Rough Windows: Spread out the 0771FR paste using an adhesive spreader.
For Flat / Smooth Surface Windows: Move onto the next step



20

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



21

Repeat steps 6 to 8



22

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



23

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



24

Apply a bead of OBEX CORTEX 0771FR Paste Adhesive around the perimeter and over any joints/overlaps.



25

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



26

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



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