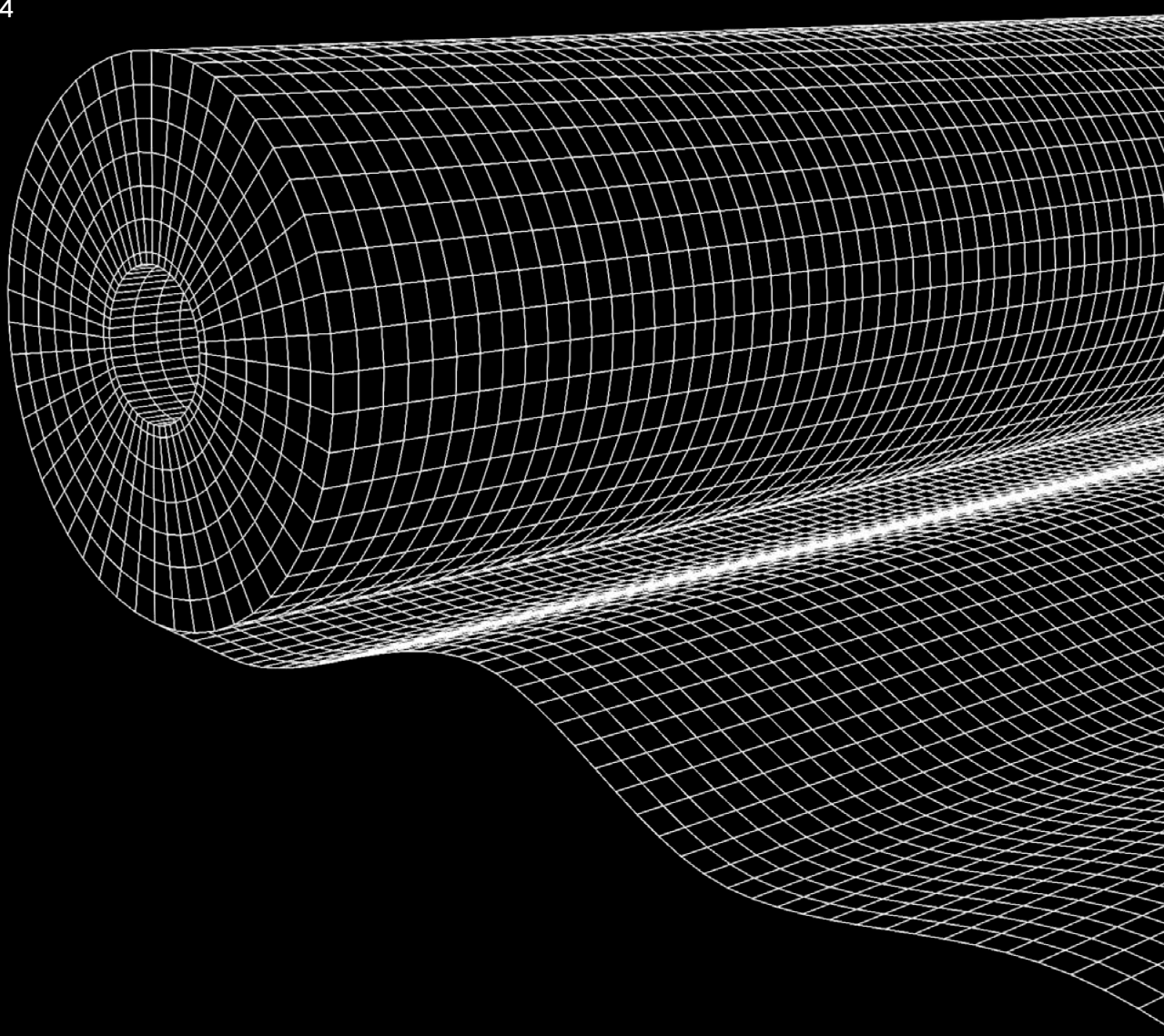
INSTALLATION GUIDE

OBEX CORTEX FR®

0200FR
Interface Sealing Membrane
Class A2

Version 01.01.04



OBEX®

Contents

Important Notes

» Porous substrates may require priming using OBEX CORTEX 0787FR Class B Primer. In cases of doubt, contact OBEX for advice.

» The required bond width onto porous materials (concrete, brick) is 100mm.

» For non-porous materials, we recommend a 50mm bond width, and an absolute minimum of 30mm.

» Ensure the paste is spread out evenly. Firmly roll the membrane into the paste to ensure full bond strength is achieved.

» Ensure all edges of the membrane are fully capped-off with paste, leaving no exposed edges.

» For applications as per our installation guide, the 0200FR should be installed with the silver face to the substrate and the black face exposed. For any other non-standard applications such internal installation, please speak to OBEX to confirm the correct orientation.

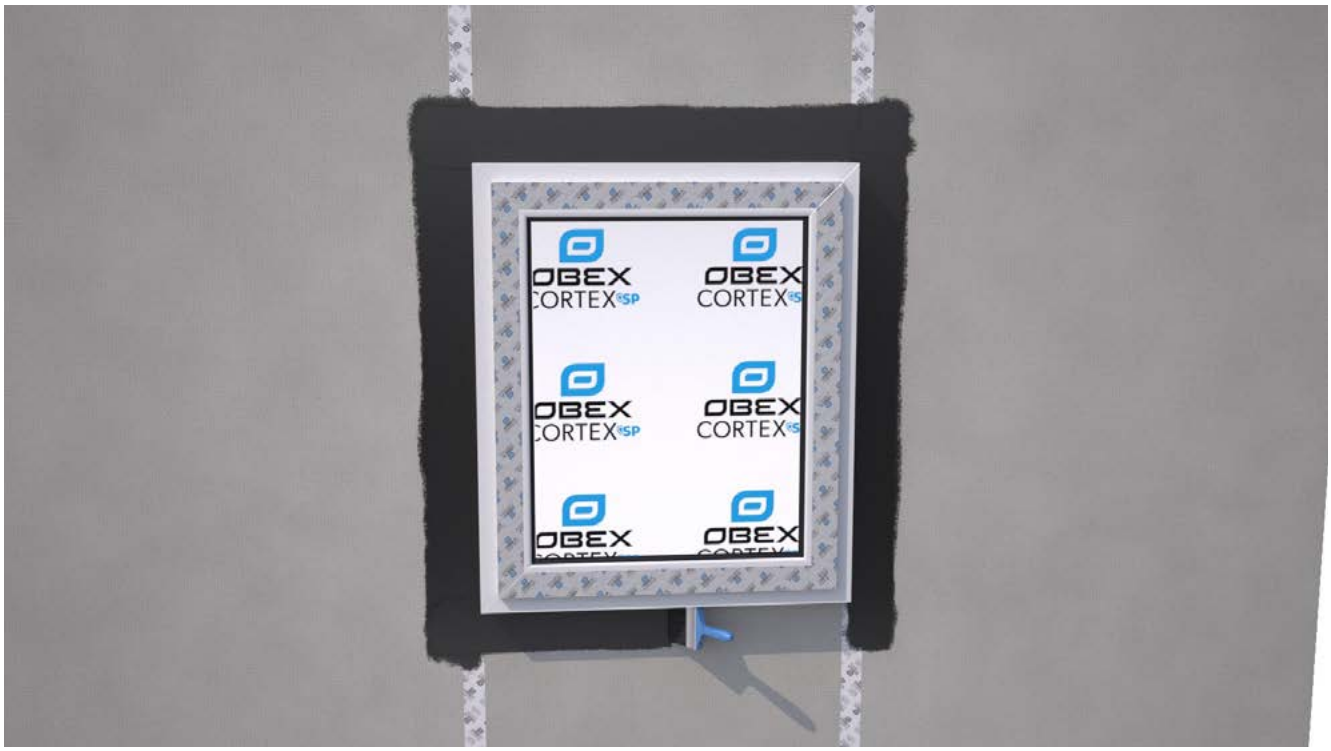
» The rolls may invariably contain joins. These should be overlapped and bonded by a minimum of 50mm.

» This membrane has a fibrous construction.

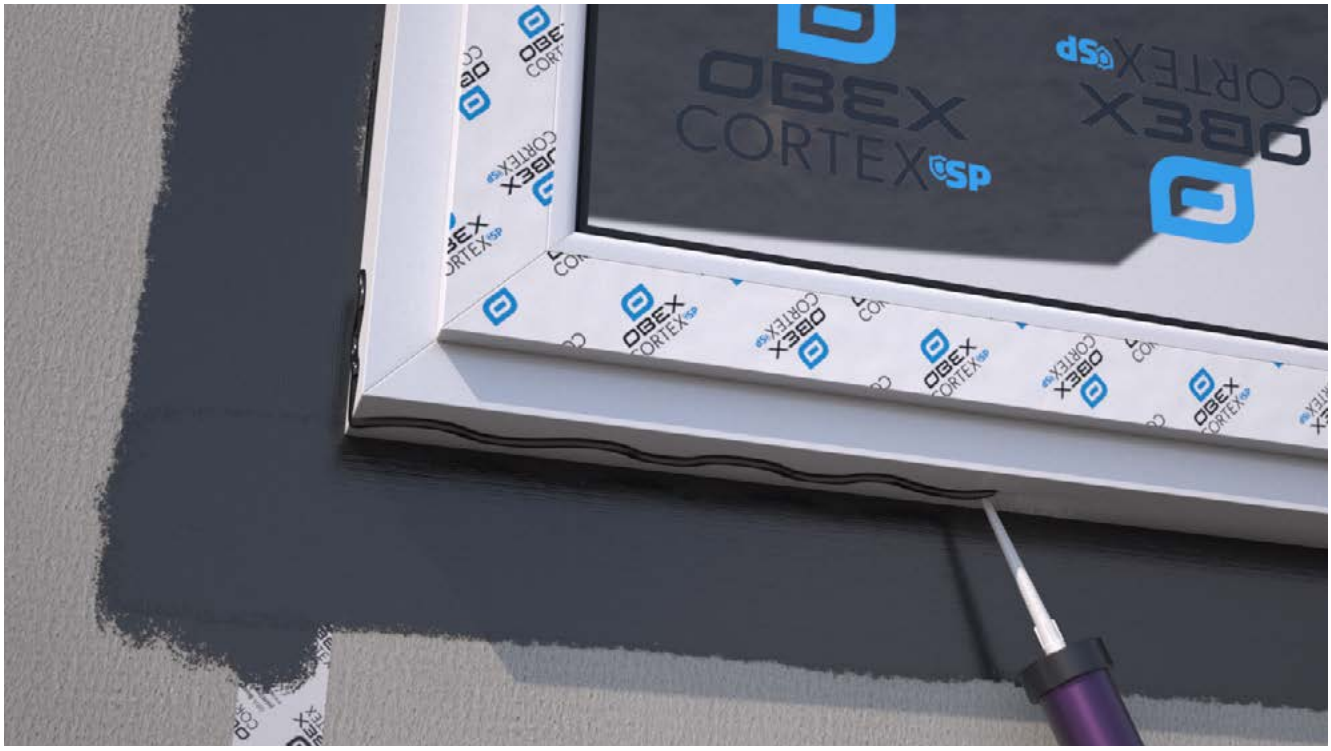
0200FR

ISM – Standard Window Installation

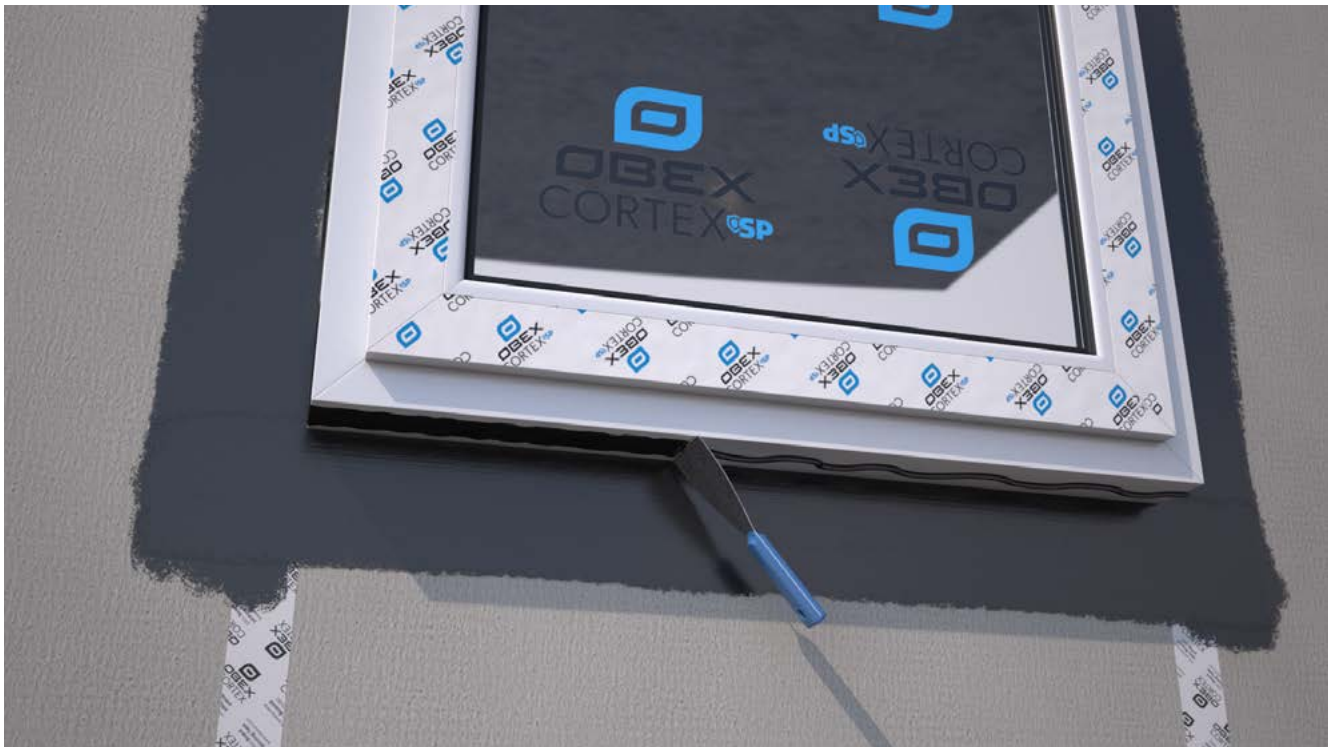
1 Ensure the window surround is complete and ready to receive the ISM.
Mark up the substrate to ensure the correct bond widths are achieved. The required bond widths are; 100mm onto porous surfaces (concrete etc) and a minimum of 20-30mm onto non-porous surfaces.



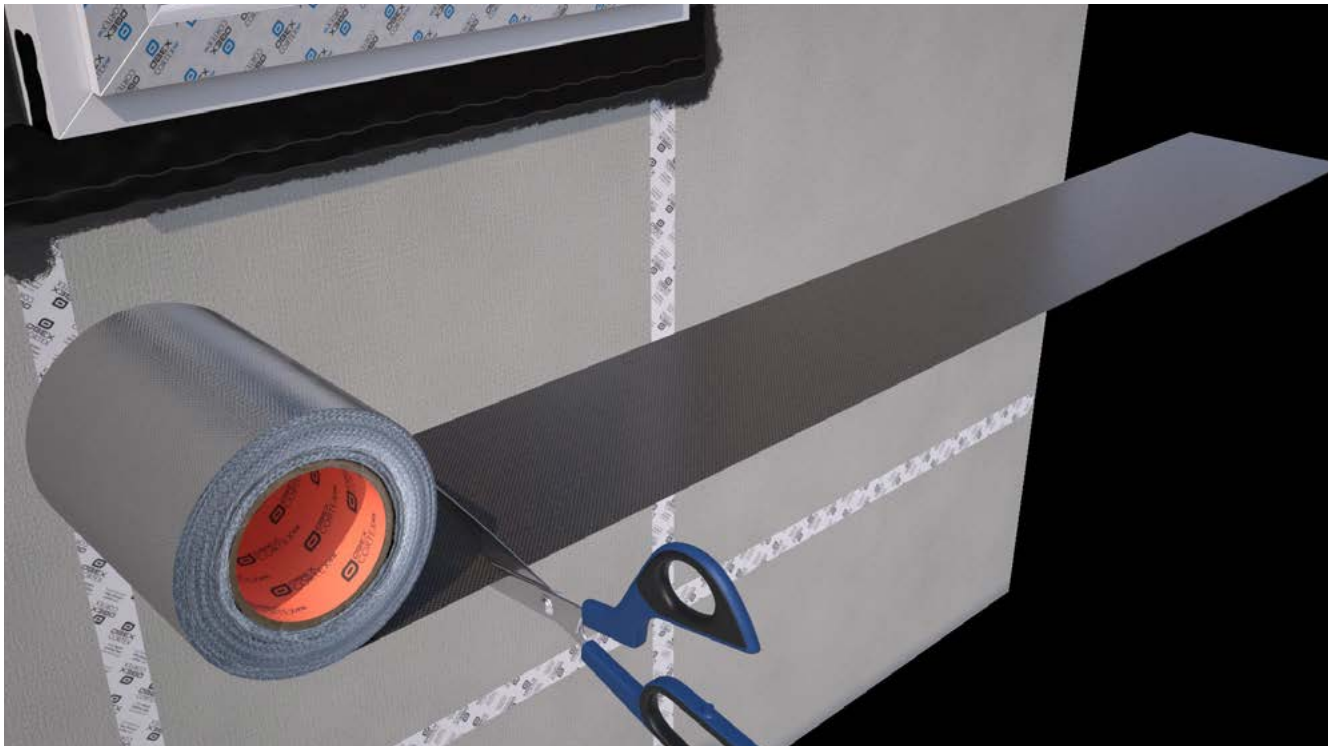
2 Apply OBEX CORTEX 0787FR Primer to porous surfaces. Ensure a full coverage over the bonding area. Porous surfaces include cement board, calcium silicate board, concrete etc.



3 Apply OBEX CORTEX 0210FR Class A2 Paste adhesive to the frame and substrate surface using a paste adhesive gun.

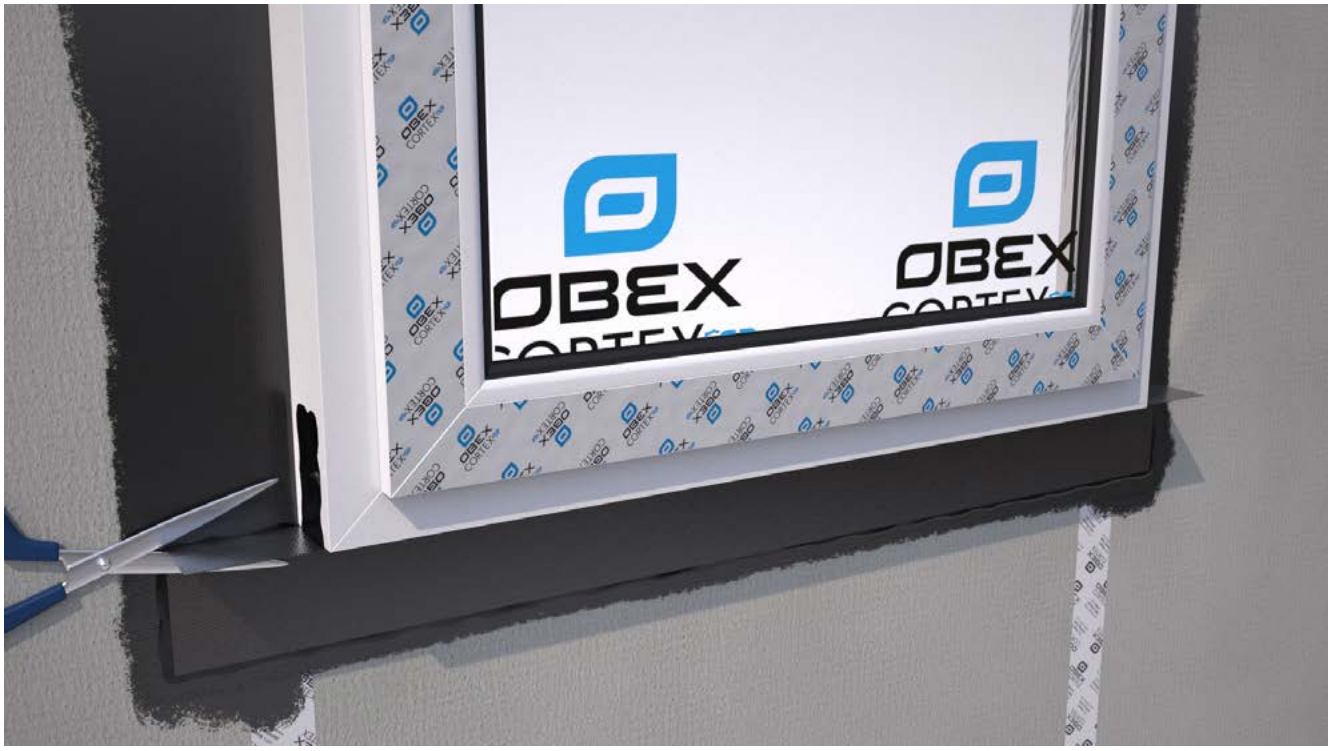


4 Spread out the 0210FR paste using an adhesive spreader.

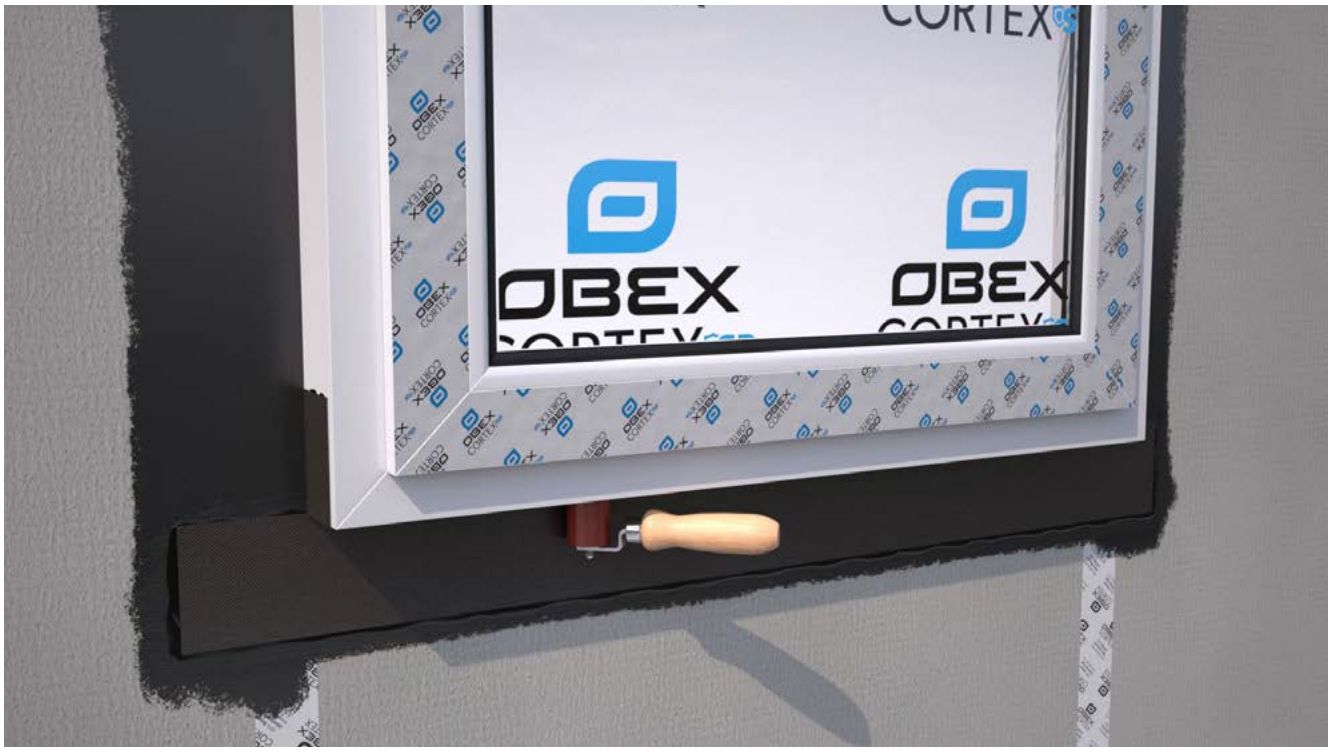


5 Cut the 0200FR Membrane to length. Ensure the length of membrane extends at least 100mm past each side of the window.

6 Bond the 0200FR 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.
Important: Ensure membrane is with the silver face to the substrate and the black face exposed.



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.

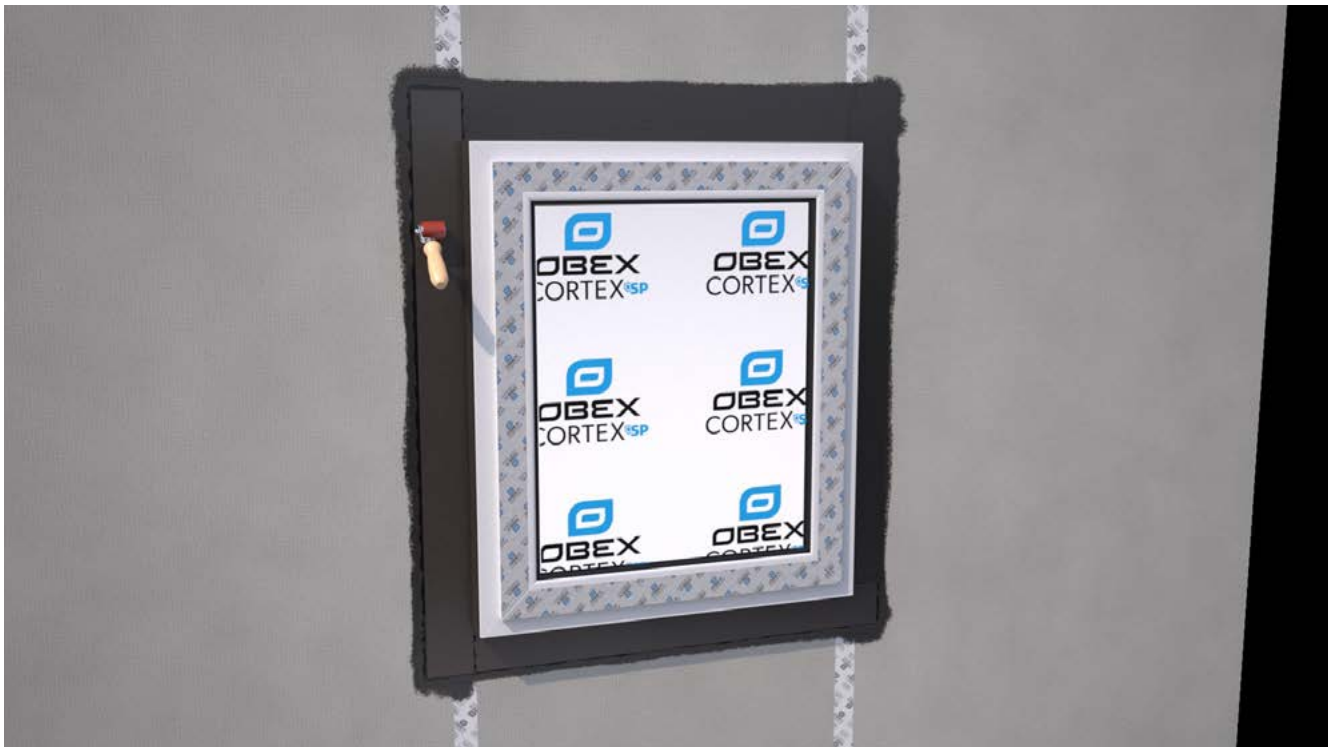
9 Apply OBEX CORTEX 0210FR Paste Adhesive to the sides of the frame and substrate.

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 0200FR 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.

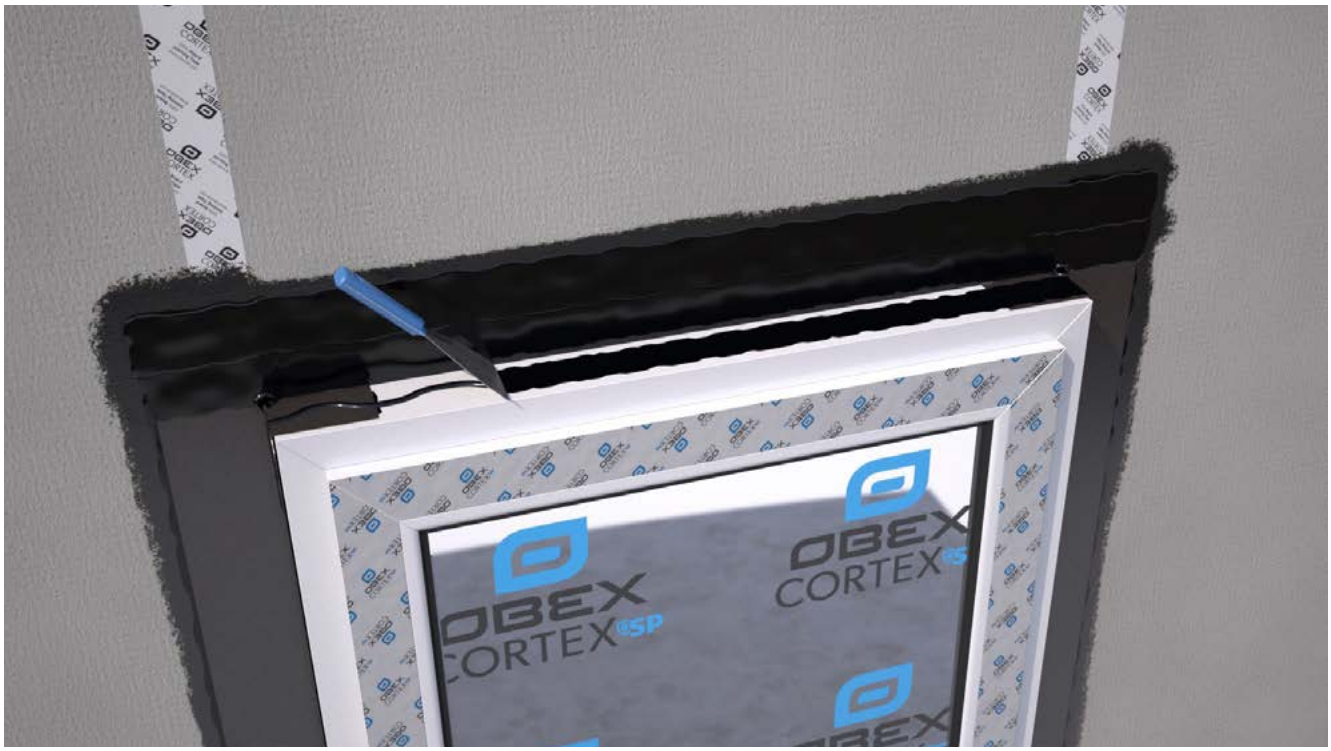


14 Roll firmly with a seam roller to ensure maximum bond strength to the frame and the substrate.

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

16 Apply OBEX CORTEX 0210FR Paste Adhesive to the head of the frame and substrate.

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

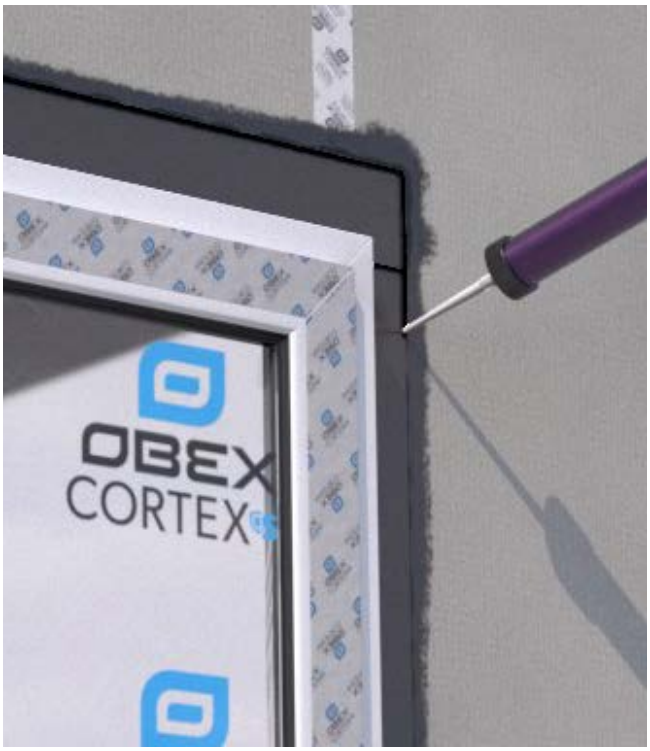


18 Spread out the paste adhesive using an adhesive spreader.

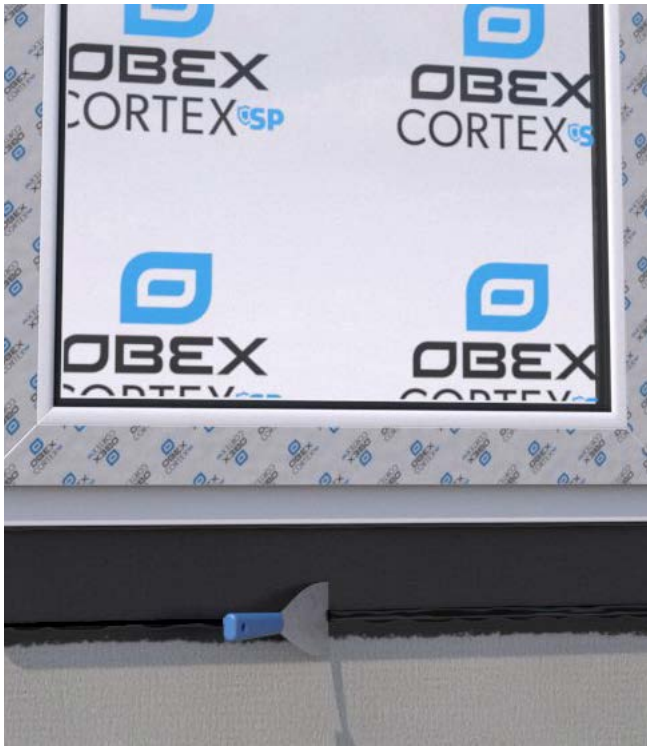
19 Bond the 0200FR Membrane to the frame first, and then bond back to the substrate. Ensure the membrane is applied flat, without creases, and tension free.

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.

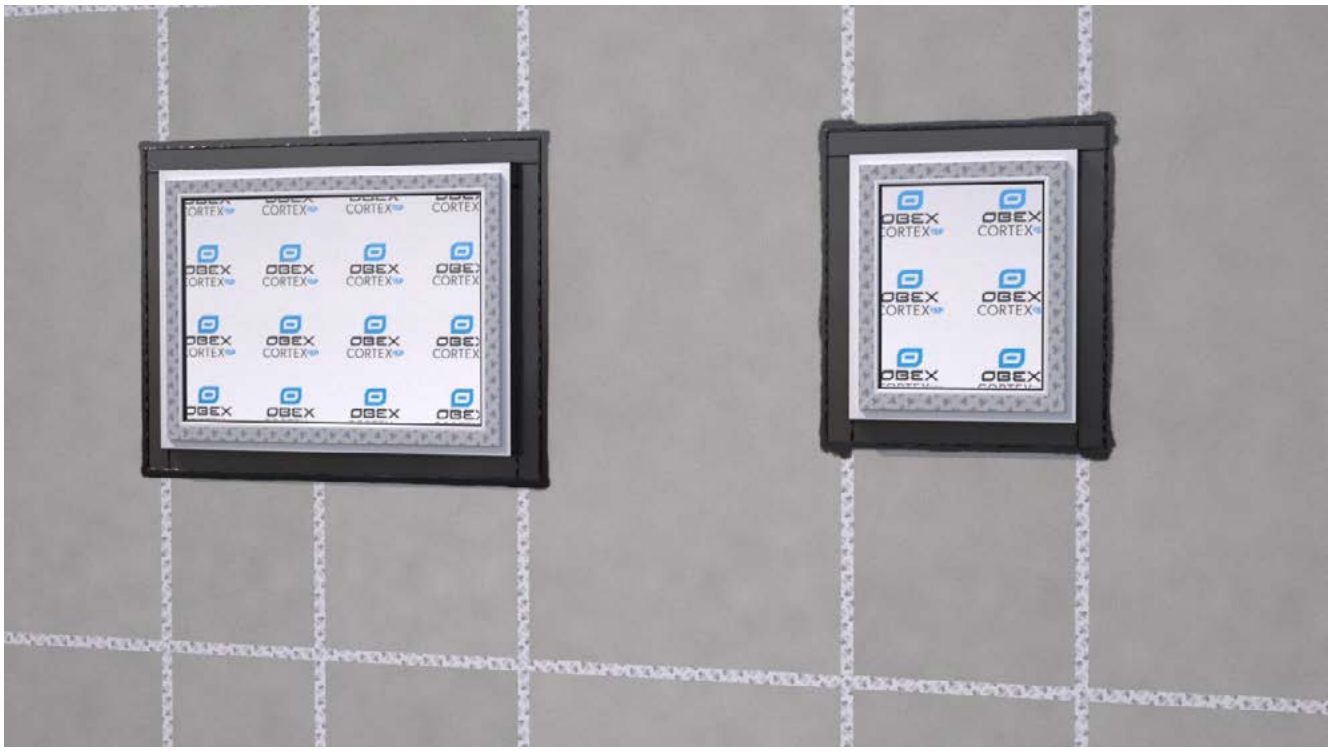
21 Roll firmly with a seam roller to ensure maximum bond strength to the frame and the substrate.



22 Apply a bead of OBEX CORTEX 0210FR 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.

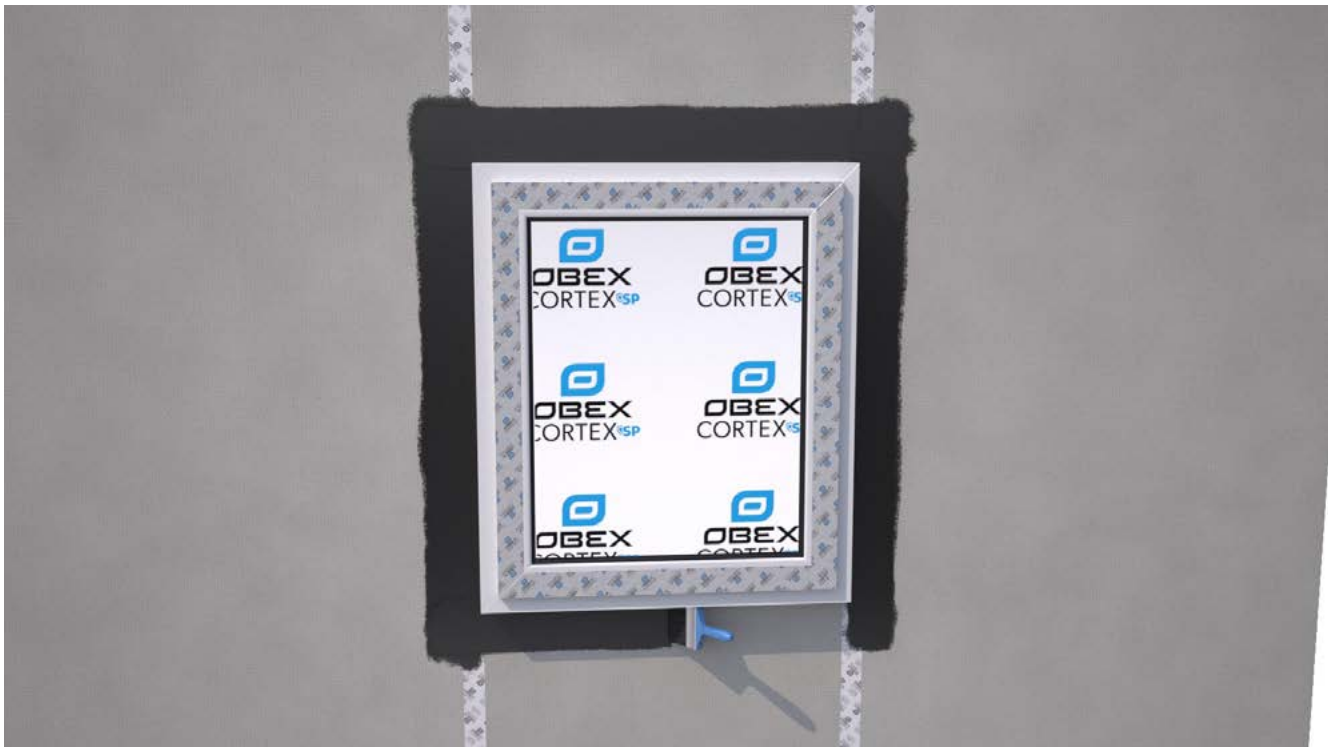


24 This is how ISM's around windows should look once complete.

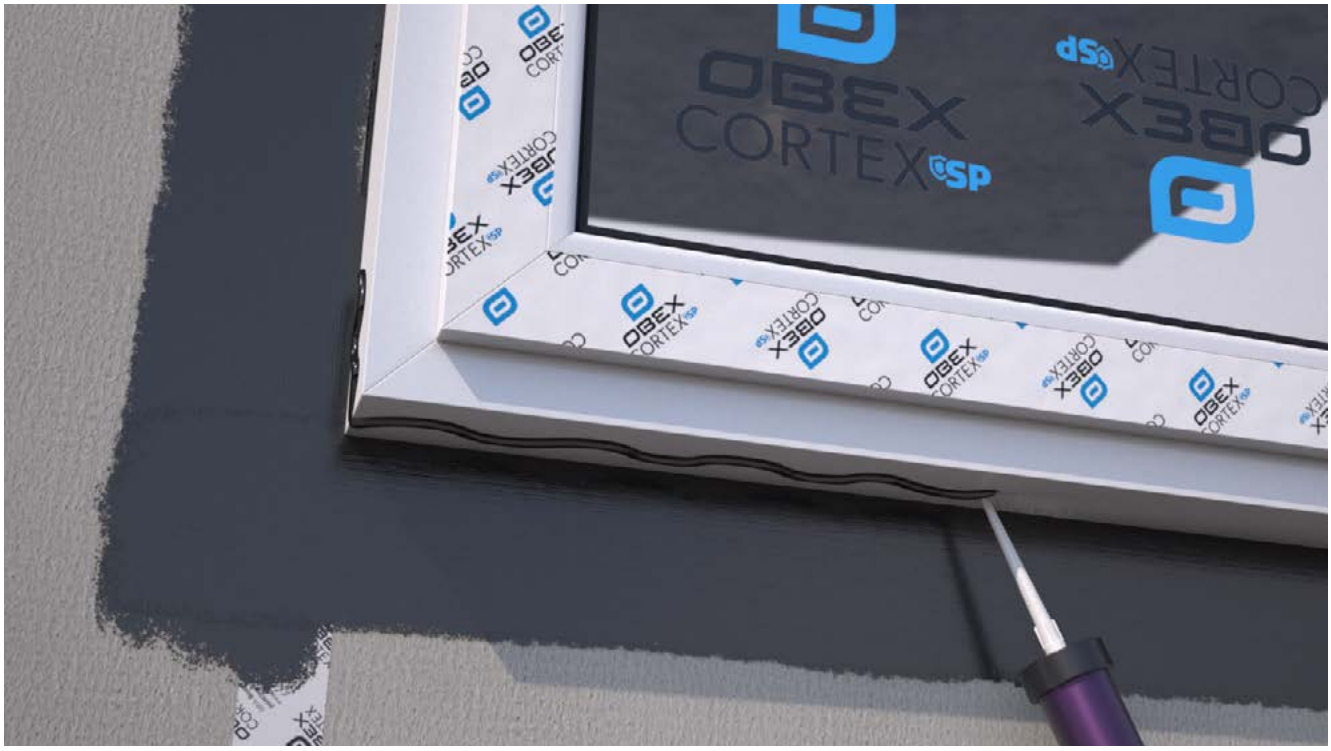
0200FR

ISM with Termination Bar

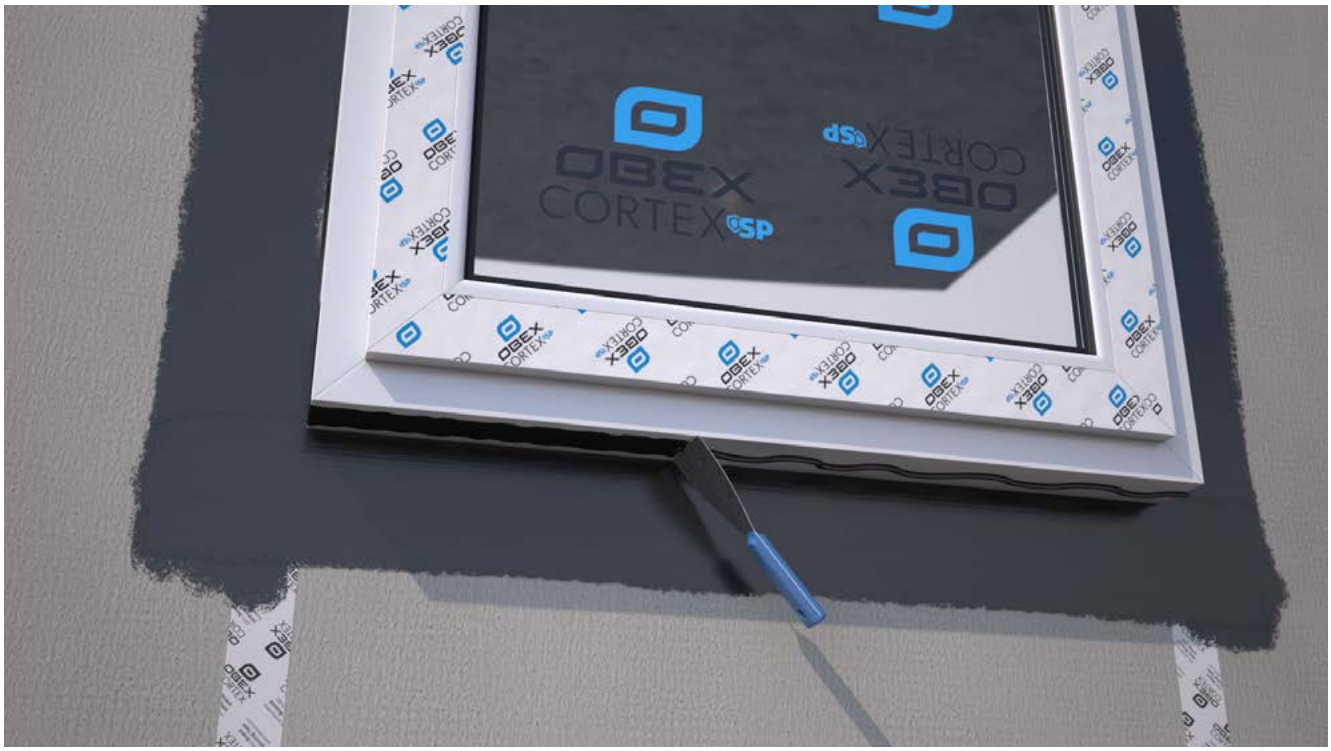
1 Ensure the window surround is complete and ready to receive the ISM.
Mark up the substrate to ensure the correct bond widths are achieved. The required bond widths are; 100mm onto porous surfaces (concrete etc) and a minimum of 20-30mm onto non-porous surfaces.



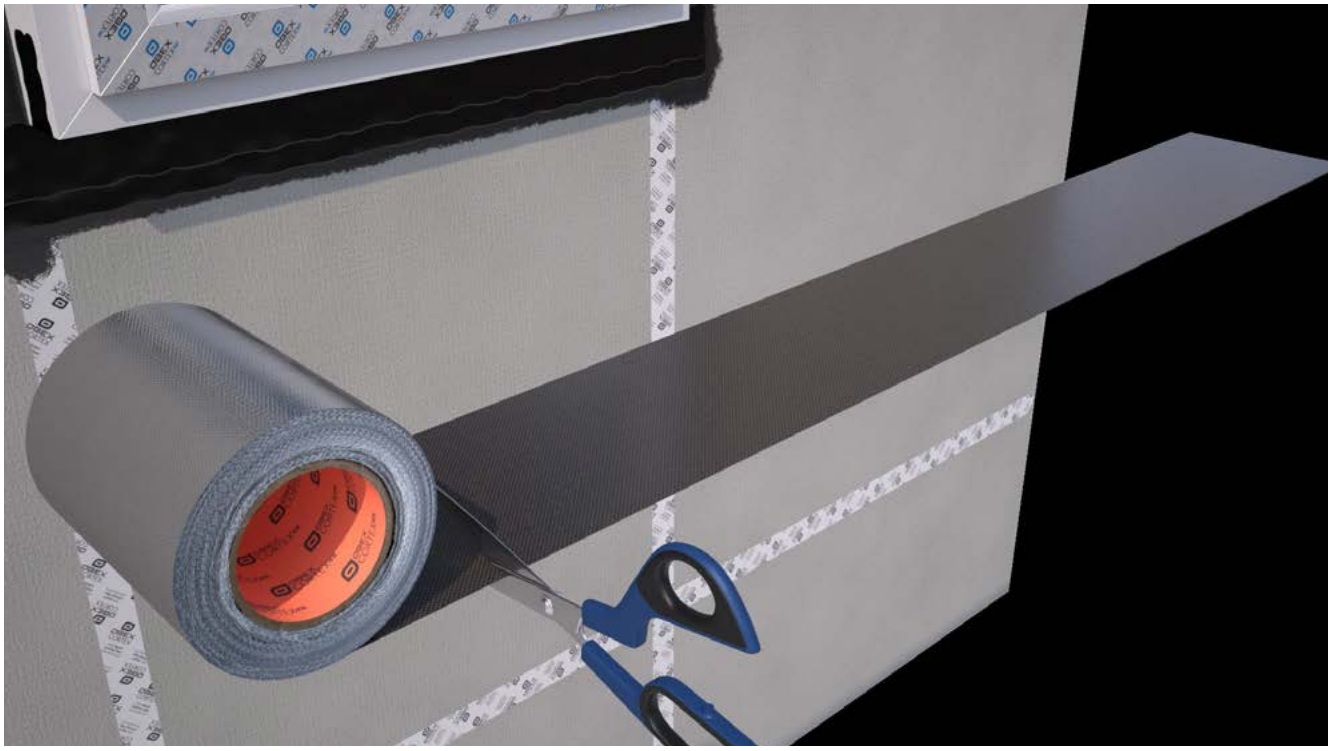
2 Apply OBEX CORTEX 0787FR Primer to porous surfaces. Ensure a full coverage over the bonding area. Porous surfaces include cement board, calcium silicate board, concrete etc.



3 Apply OBEX CORTEX 0210FR Class A2 Paste adhesive to the frame and substrate surface using a paste adhesive gun.



4 Spread out the 0210FR paste using an adhesive spreader.



5 Cut the 0200FR Membrane to length. Ensure the length of membrane extends at least 100mm past each side of the window.

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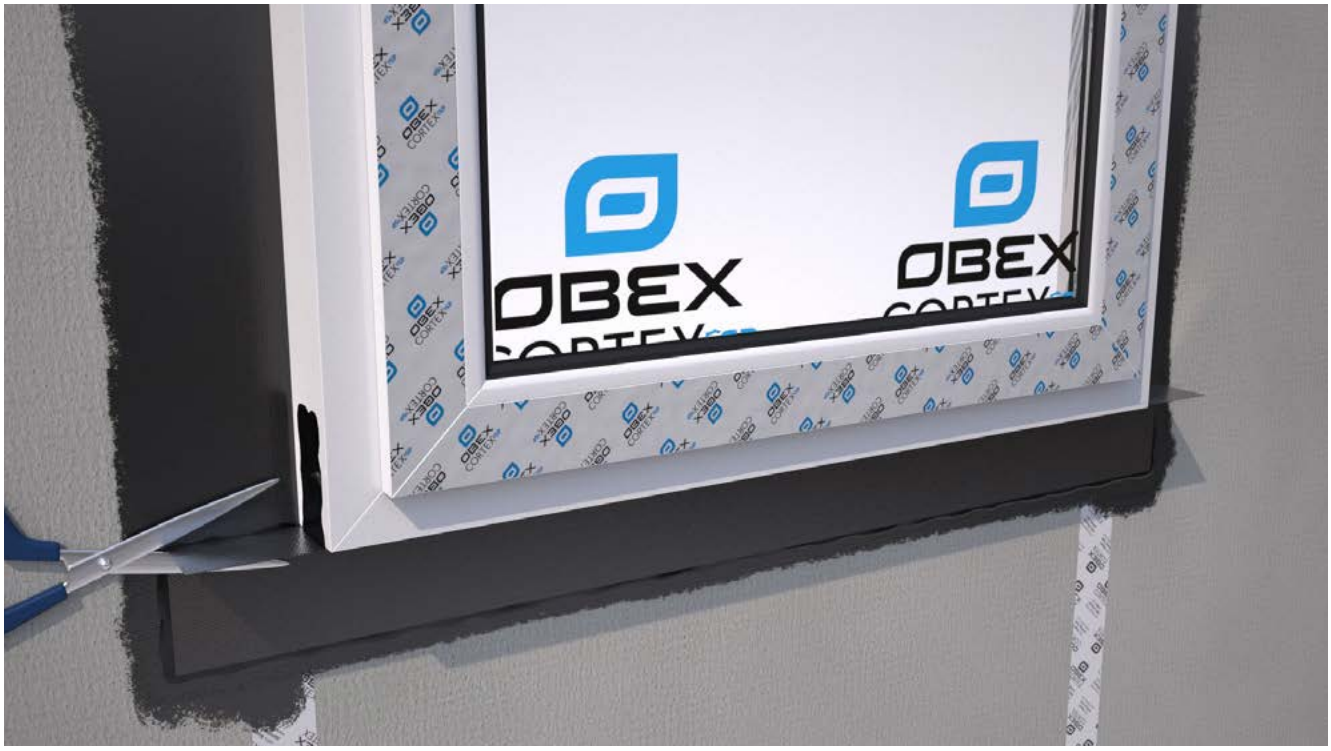
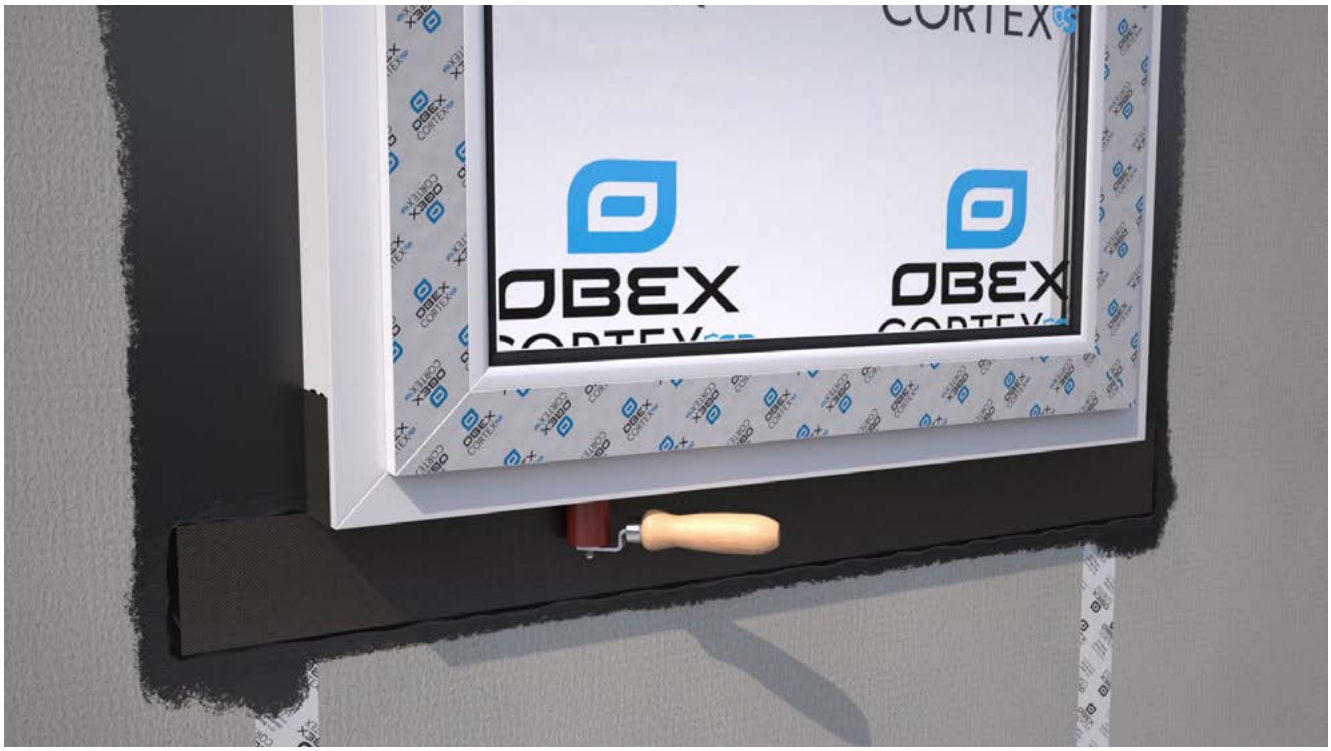
Important: Ensure membrane is with the silver face to the substrate and the black face exposed.



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.

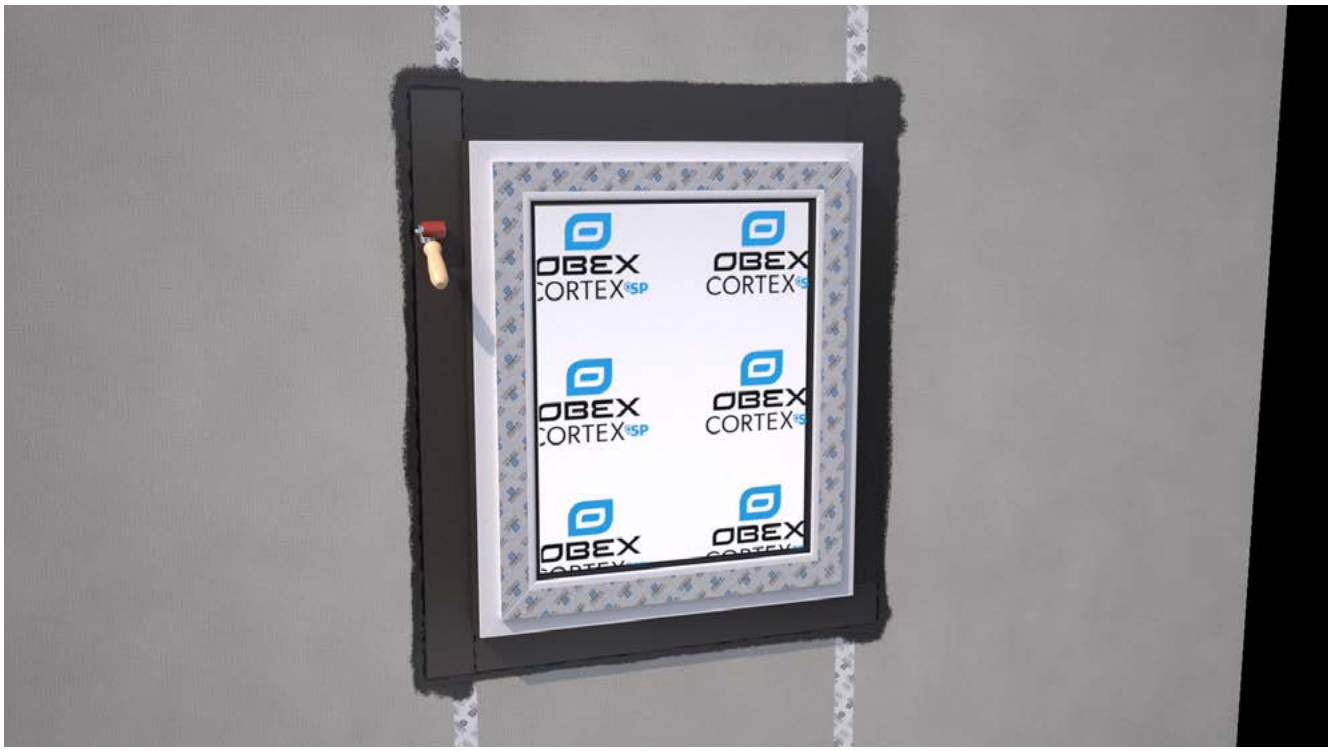
9 Apply OBEX CORTEX 0210FR Paste Adhesive to the sides of the frame and substrate.

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 0200FR 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.

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

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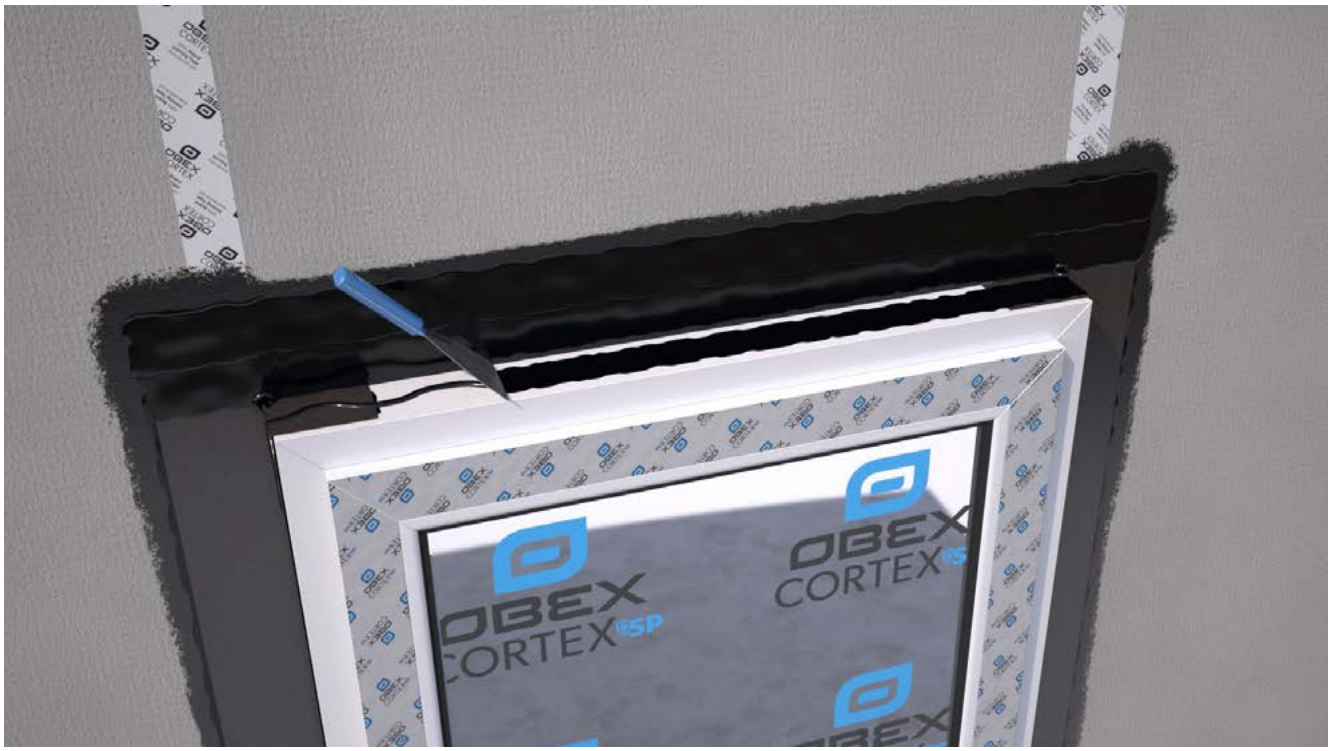


18 Spread out the paste adhesive using an adhesive spreader.

19 Bond the 0200FR 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 Locate the 0819 termination on top of the membrane. Ensure there is paste adhesive underneath the membrane to ensure the fixings are sealed. Using self-drilling screws or suitable screws for the glazing unit, fix the 0819FR termination bar through the pre-drilled holes.

23 Completed termination bar installation at the base of the window.

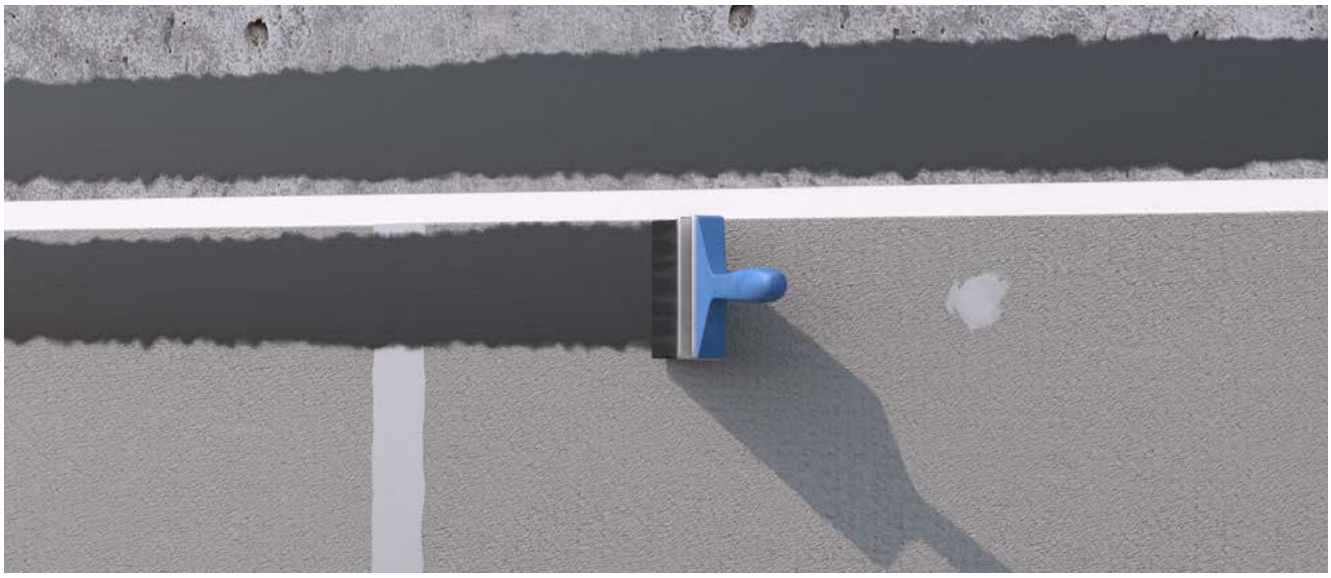
24 Apply a bead of OBEX CORTEX 0210FR Paste Adhesive around the perimeter and over any joints/overlaps.

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

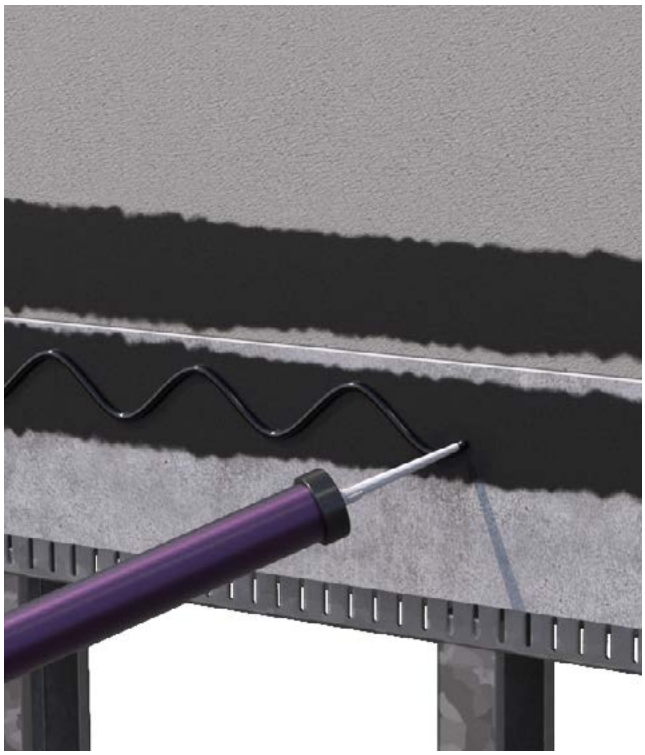
26 This is how ISM's around windows should look once complete.

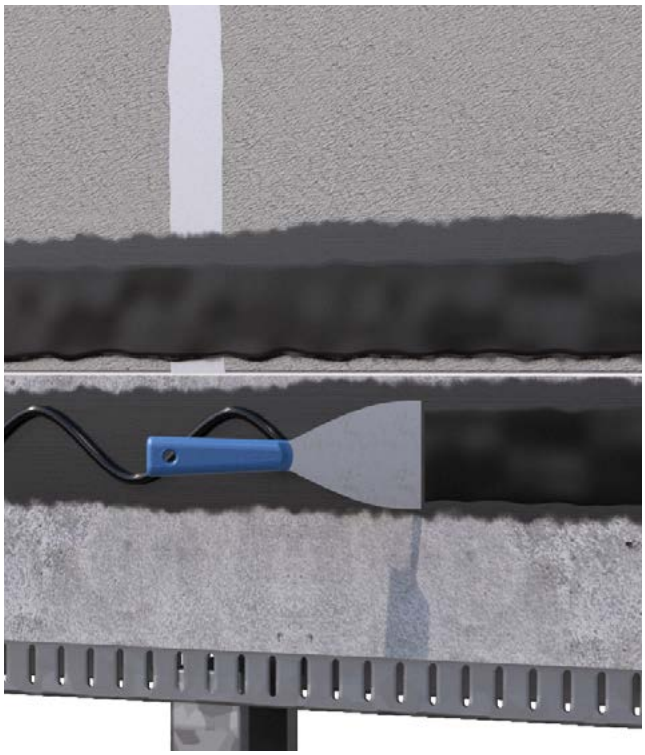
0200FR

Slab Edge Sealing



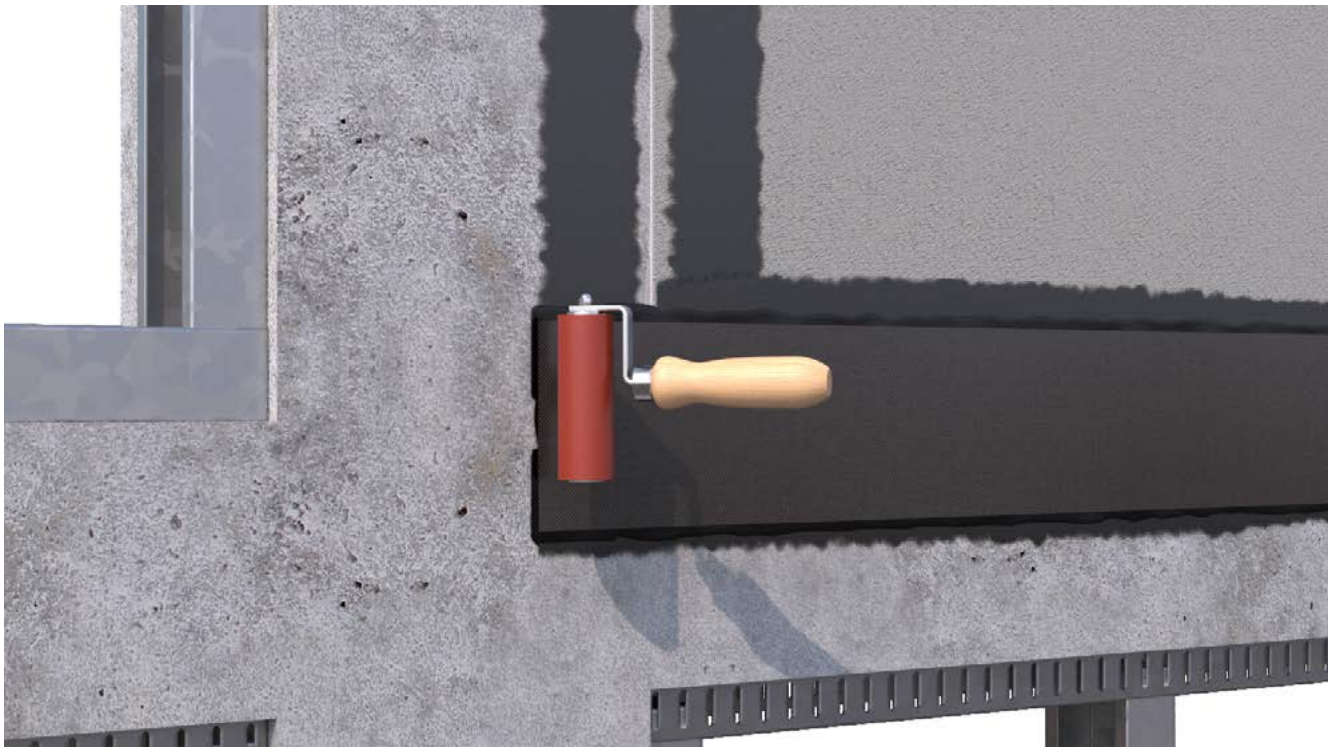
1 Apply OBEX CORTEX 0787FR Non-Flammable Surface Primer to the concrete slab edge and sheathing board in excess of 100mm width. Allow to flash-off (usually 10 minutes in recommended application temperatures).





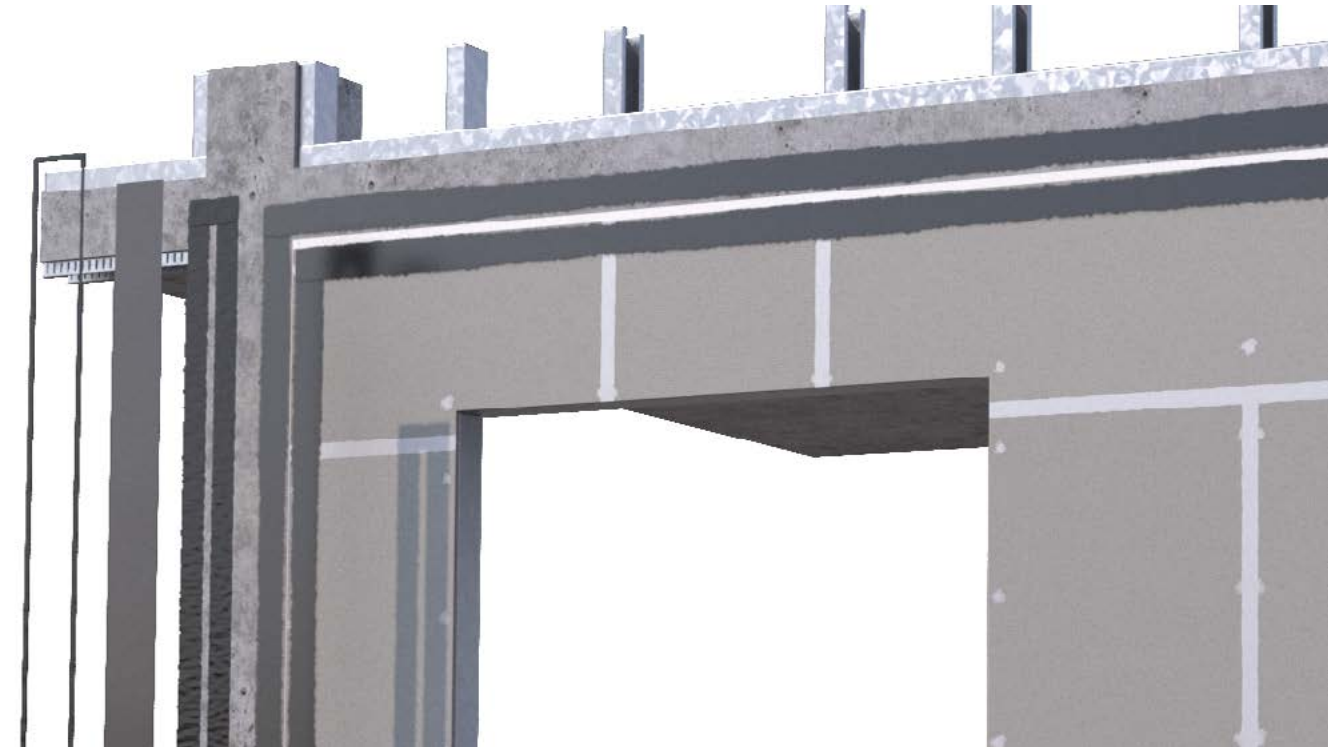
2 Apply OBEX CORTEX 0210FR Class A2 Paste Adhesive to the sheathing board and slab edge (100mm min width). Spread the paste using a scraper ensuring an even spread at 1-2mm thickness.

3 Unroll OBEX CORTEX 0200FR Interface Sealing Membrane and cut to required length using membrane shears.



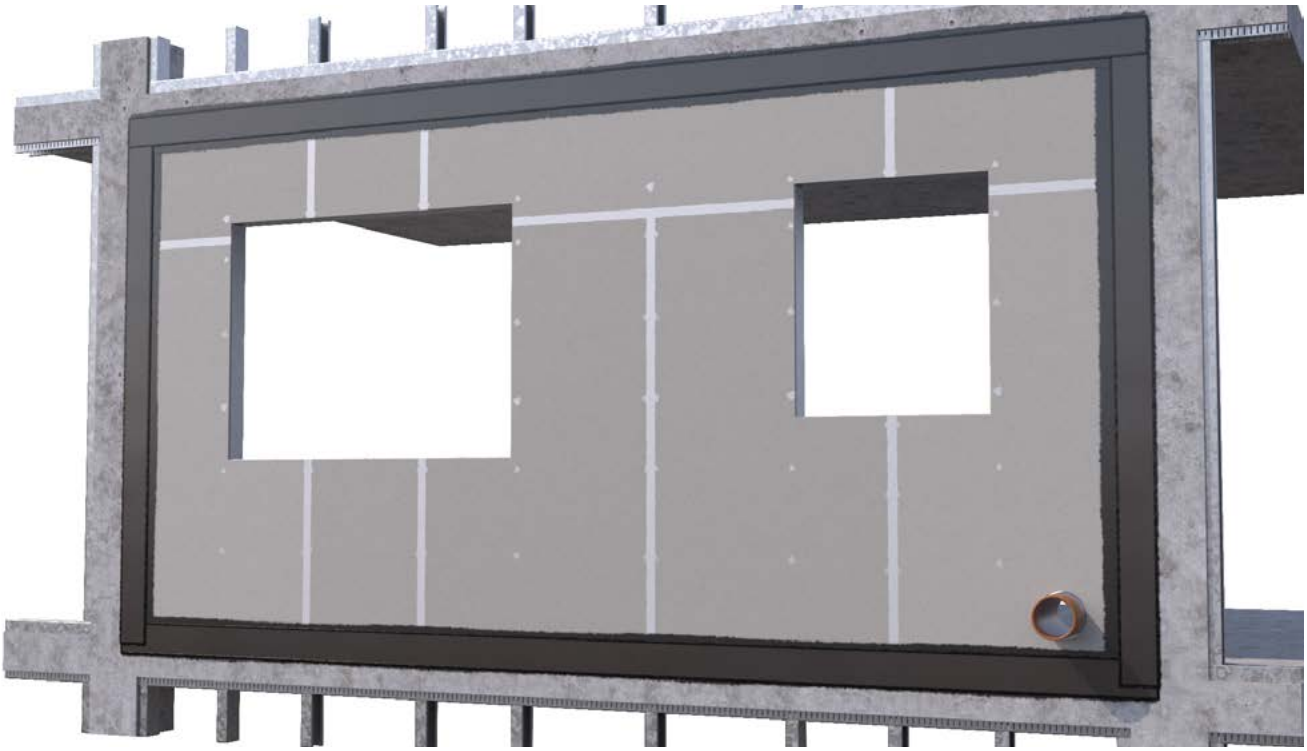
4 Firmly roll the ISM with a roller to ensure maximum bond strength is achieved.

5 Apply a cap-off bead of paste to the edges of the membrane and spread to ensure a smooth finish.



6 Repeat steps 2-5 for the sides of the board infill section. Ensure an overlap of at least 100mm onto the Interface Sealing Membrane on the base.

7 Repeat steps 2-5 for the head of the board infill section. Ensure an overlap of at least 100mm onto the Interface Sealing Membrane on the sides. A wider width of membrane may be required to allow for the deflection head gap.



8 This is how the wall should look like when complete.

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Call: +44 (0) 1905 337800 **| Email:** sales@obexuk.com **| Visit:** www.obexuk.com