

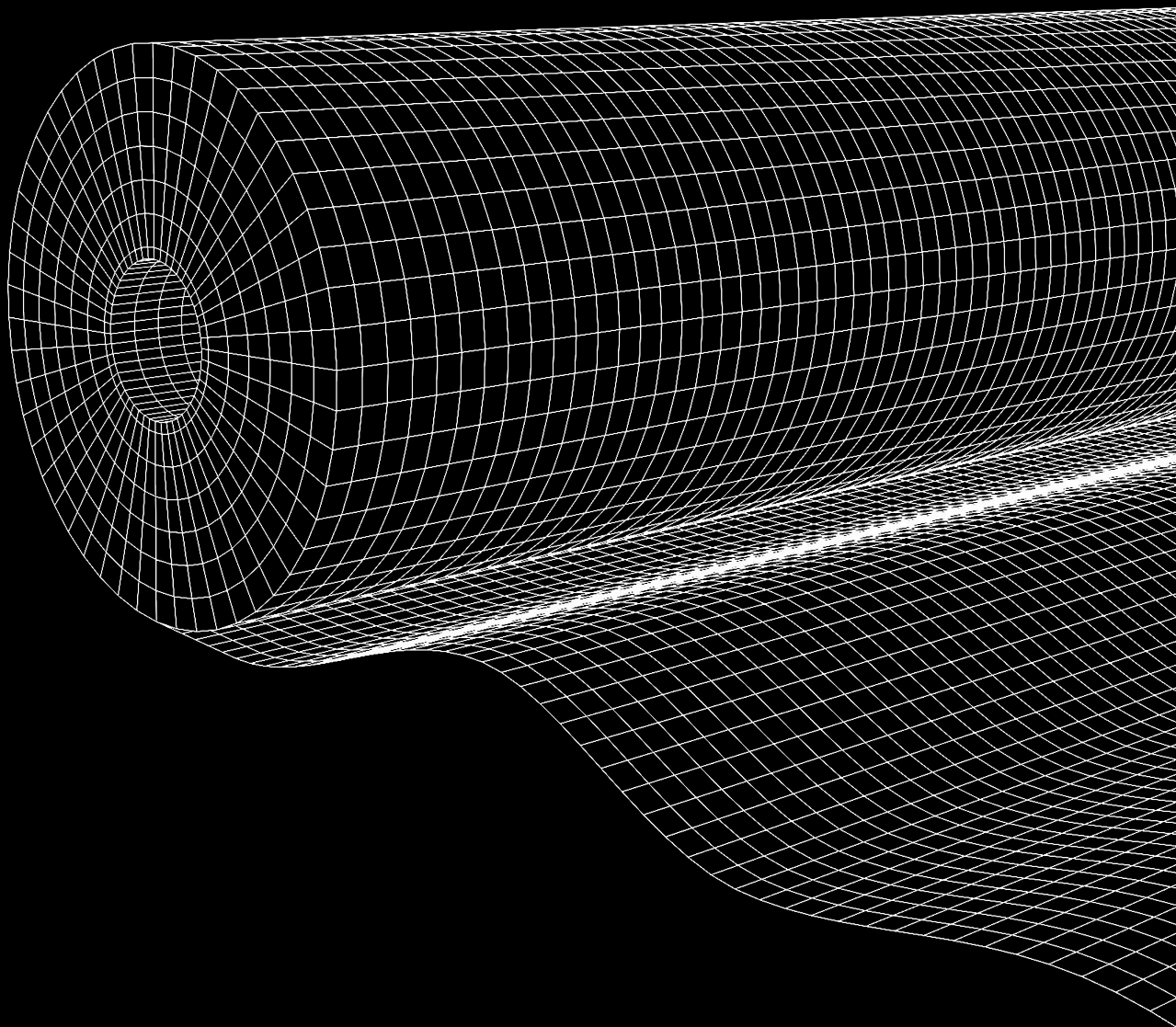
 INSTALLATION GUIDE

**OBEX**  **CORTEX<sup>FR</sup>**

0221FR

# Breather Membrane

Class A



 **OBEX**<sup>®</sup>

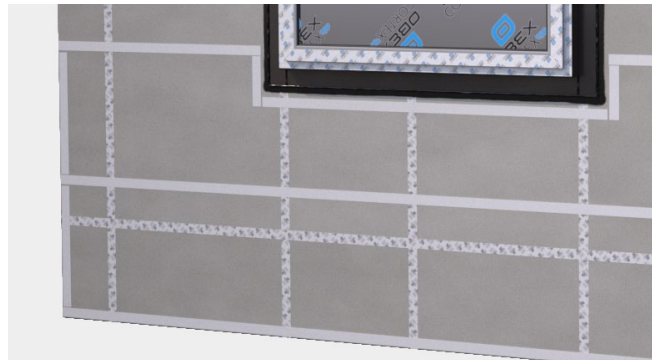
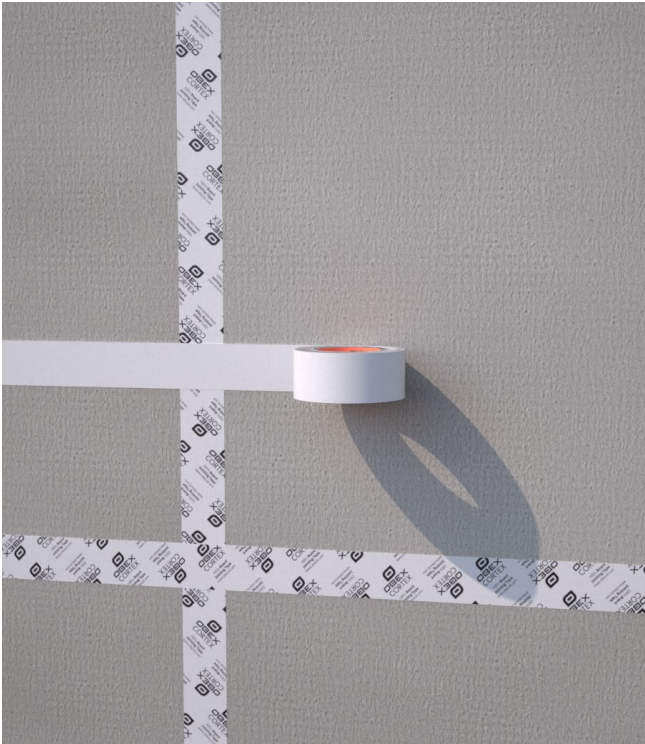
VERSION: 01.01.03

## Disclaimer

This installation guide is provided to enable the breather membrane to be installed independent of any other façade components. The double-sided tape is provided to hold the membrane in place before any façade brackets or ties are installed. If the bracketry or ties are installed at the same as the breather membrane, then this can negate the requirement for double-sided tape. This should be reviewed on a project specific basis and checked by the contractor undertaking the breather membrane installation.

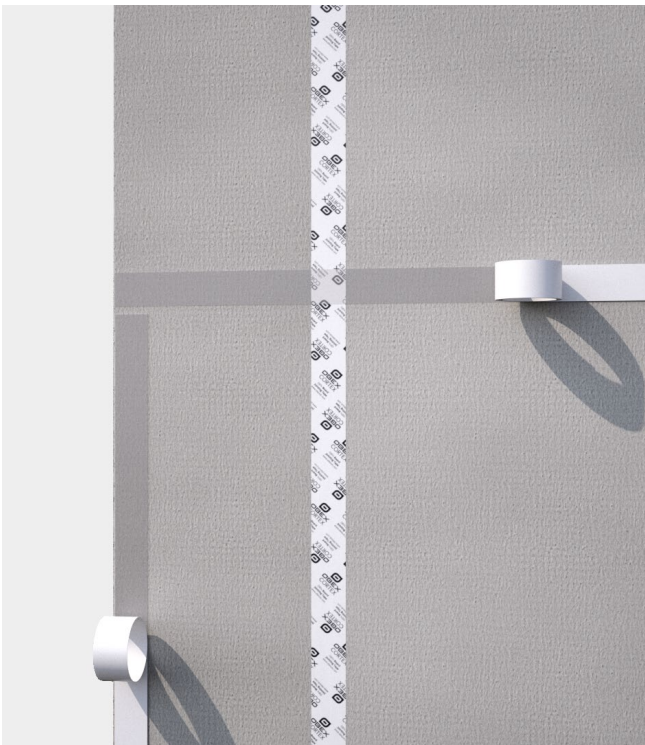
## Important Notes

- » The membrane should be fixed in such a way as to shed water away from the sheathing board and below the lowest timber/steel frame. Upper layers should be lapped over lower layers.
- » Horizontal laps should be at least 100 mm and vertical laps 150 mm. Vertical laps should be staggered wherever possible.
- » To assist in achieving the required air permeability lap joints and penetrations through the membrane should be sealed with OBEX CORTEX 0823FR UV Facade Tape and OBEX CORTEX 0824FR Double-Sided Tape.
- » Use the OBEX CORTEX 0825FR Installation Kit to ensure you have the correct quantities of tape. When installed as per the OBEX guidelines, you should require approximately 2 rolls of OBEX CORTEX 0824FR Double-Sided Tape and 6 rolls of OBEX CORTEX 0823FR UV Facade Tape.
- » Overlaps of at least 300mm should be allowed on corners.
- » It is recommend to apply an ISM (Interface Sealing Membrane) around the SFS infill sections before the Breather Membrane is installed.



1

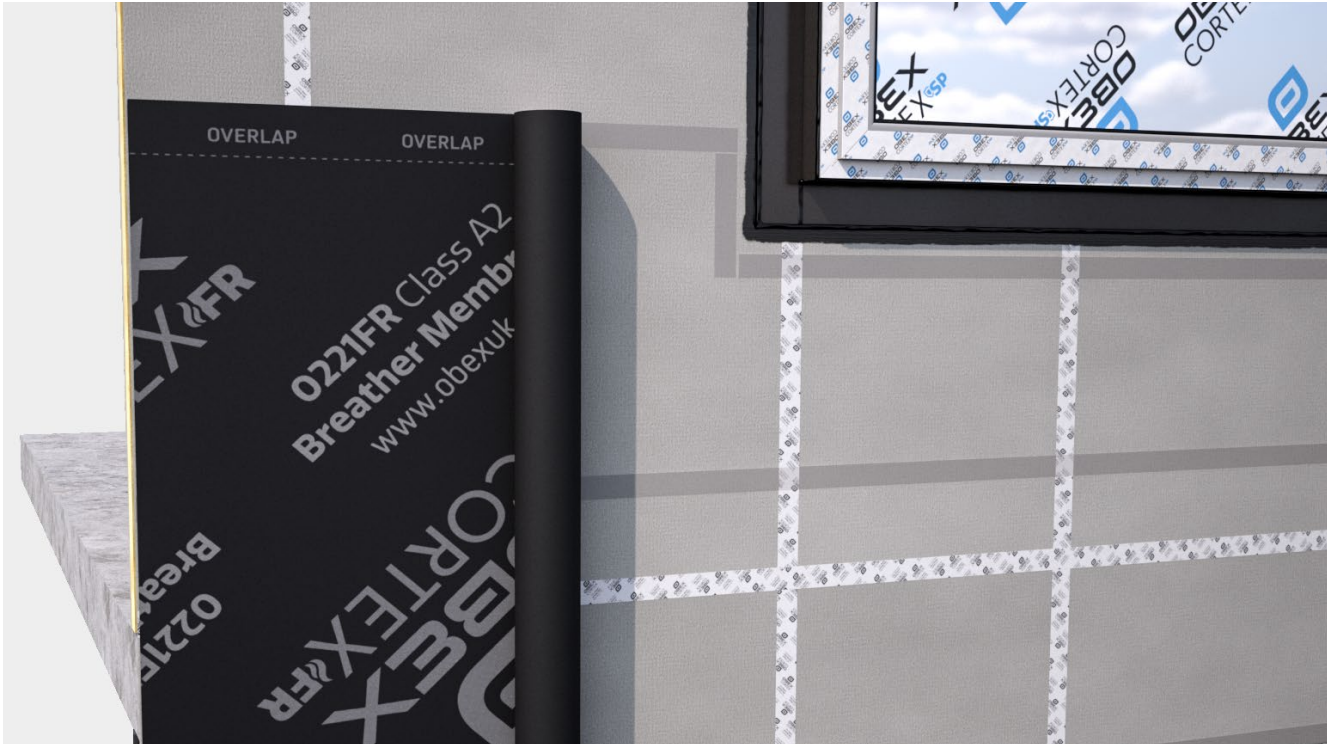
Start by applying the OBEX CORTEX 0824FR Double-Sided Tape; 3 strips to cover the width of the membrane (allowance for a 100 mm horizontal lap should be made). After this, apply tape to ensure all edges of the membrane will be adhered e.g. where the membrane is cut around windows and other penetrations.



2

Once the previous step is complete, peel off the release liner from the OBEX CORTEX 0824FR Double-Sided Tape. Some may prefer to remove the release liner as they adhere the membrane.





3

You're now ready to apply the breather membrane. Place the roll into position to cover the strips of double-sided tape and start rolling the membrane over the tape.



4

Where possible, the membrane should be continuous so any window/door openings or penetrations should be cut out during application, or it can be applied over the top and cut out afterwards.



5

Cut around any penetrations, ensuring that the Breather Membrane overlaps the ISM (Interface Sealing Membrane). Ensure to cut 30-40mm from the penetration so that there is room to apply tape at a later stage.



6

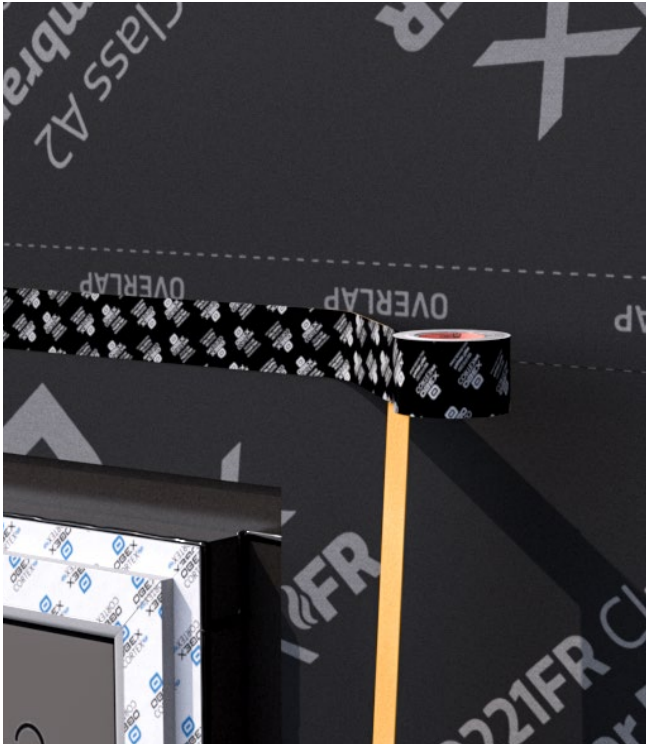
Repeat steps 1-5 until the section of the wall is covered. Horizontal laps should be 100 mm and vertical laps 150 mm. Vertical laps should also be staggered where possible. Corner overlaps should be at least 300 mm.





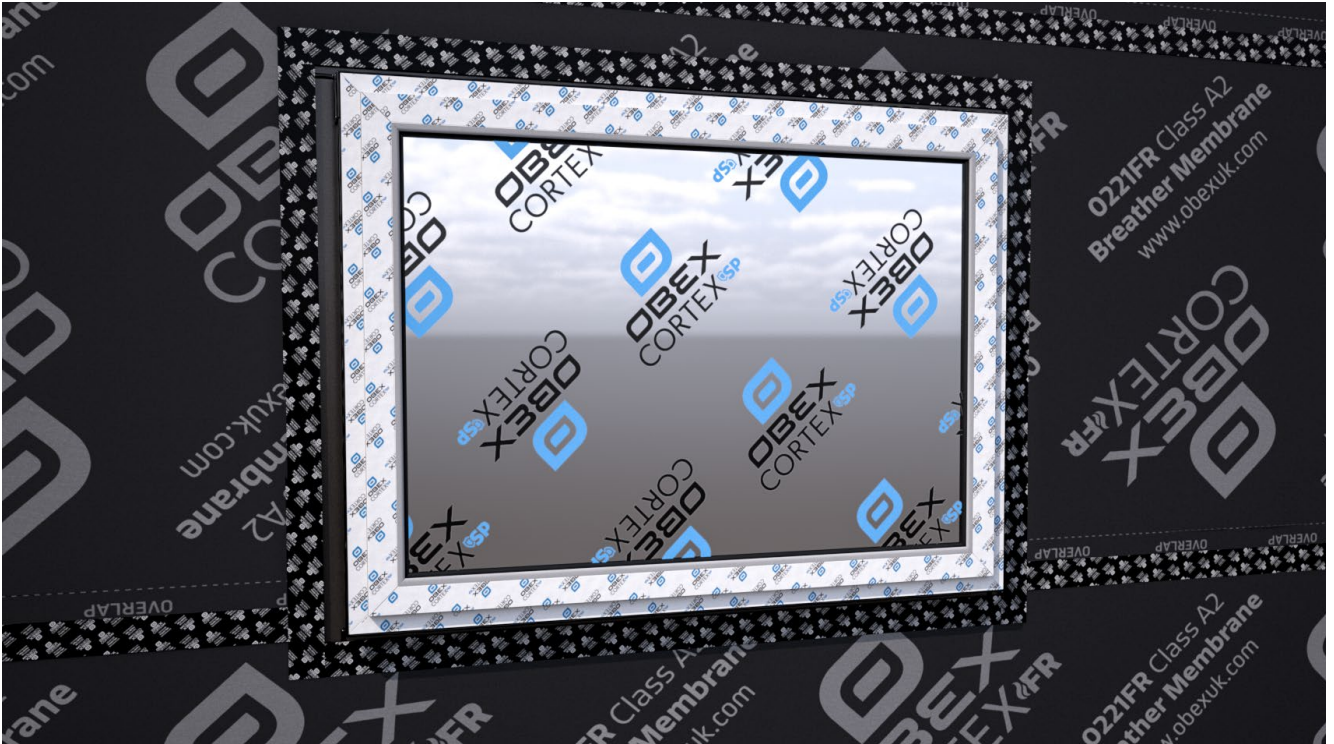
7

This is how a correctly overlapped wall should look. Note upper layers are installed over lower layers.



8

Next use OBEX CORTEX 0823FR UV Facade Tape to seal off the membrane edges.



**9** Finally, apply 0823FR over all edges of the breather membrane around windows, doors and any other penetrations. Start from the base and work to the top to ensure the tape is correctly lapped.



**10** This is how a complete wall should look.



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