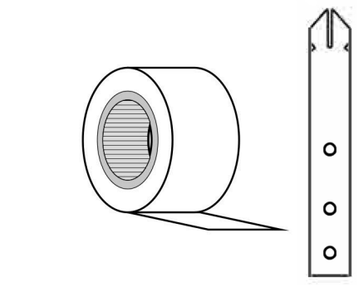
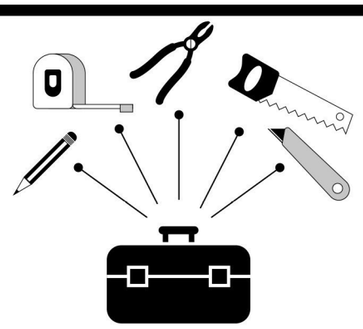
SIDERISE® EWI* | QUICK REFERENCE TO INSTALLATION

*FOR EW25-120/120 SEE SPECIFIC INSTRUCTIONS

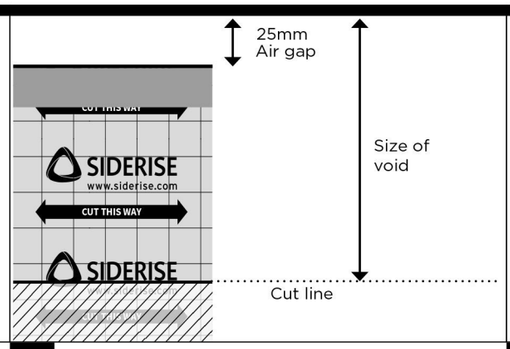
VERSION 2.04 OCTOBER 2025



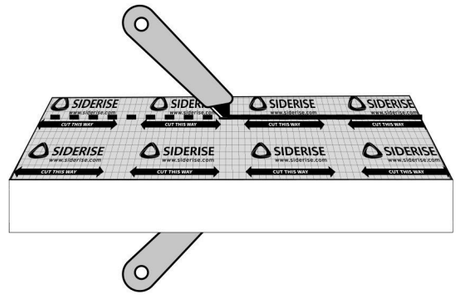
1 You need: Siderise® Fixing Brackets, Siderise® Foil Tape RFT 120/45, suitable non-combustible mechnical fixings appropriate to substrate, supplied by contractor.



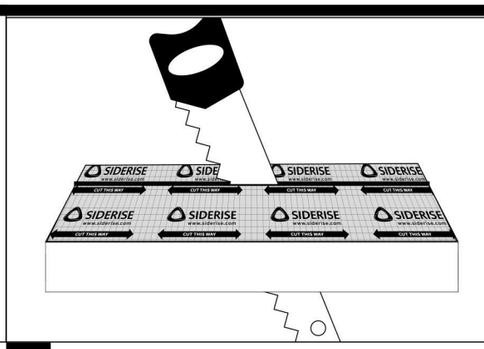
2 **Trimming on site** – tools required: marker, tape measure, pliers, knife and saw.



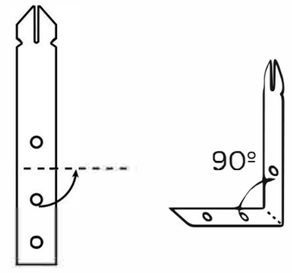
3 **Trimming on site** – EWI barriers are supplied pre-cut. If trimming required measure and mark the barrier: size of the void minus air gap.



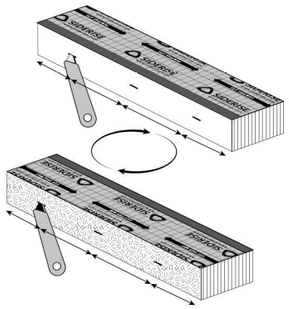
4 **Trimming on site** – EWI barriers are supplied pre-cut. If trimming required first use a sharp knife to cut through the foil facings on both sides.



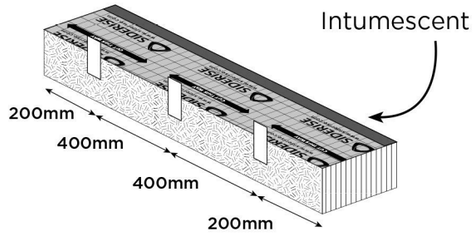
5 **Trimming on site** – EWI barriers are supplied pre-cut. If trimming required, after using the sharp knife, cut the stone wool with a saw being careful not to rip the foil facing.



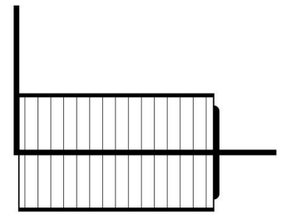
6 3 brackets are needed for each EWI barrier. Manually fold brackets to 90°.



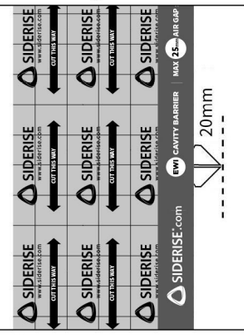
7 Make 3 horizontal incisions at 400mm intervals. This will make it easier to push the bracket through the intumescent layer. Reverse and repeat.



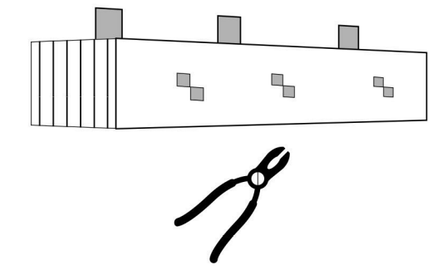
8 Insert the three brackets into the EWI barrier. Bracket flanges must be facing upwards as shown above.



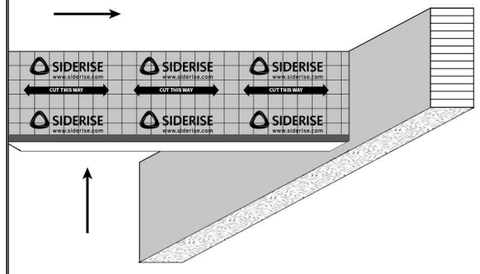
9 Push the full length of the brackets through barrier



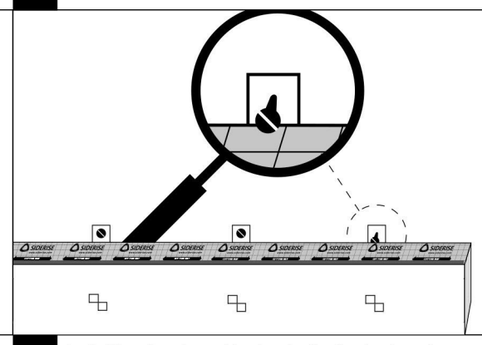
10 With the notches aligned with the face of the barrier, the split ends will be 20mm



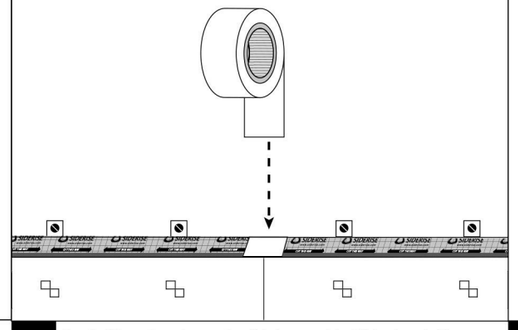
11 Fold the split end of the bracket half upwards and half downwards using the pliers.



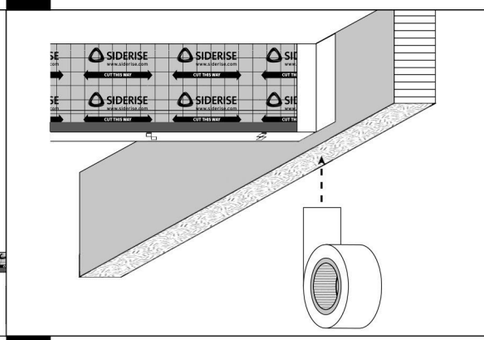
12 **Installing Barrier** – Hold barrier against the wall. Make sure the barrier is tightly abutting the previous barrier or vertical barrier.



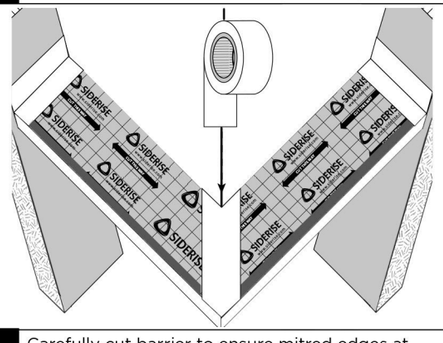
13 **Installing Barrier** – Mechanically fix the brackets to the wall, ensuring the barrier is tightly abutted to the barriers next to it.



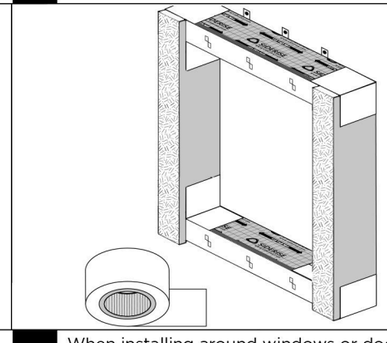
14 **Installing Barrier** – Seal joints with Siderise foil tape on the top side. Ensure tape does not extend onto front / intumescent of the barrier.



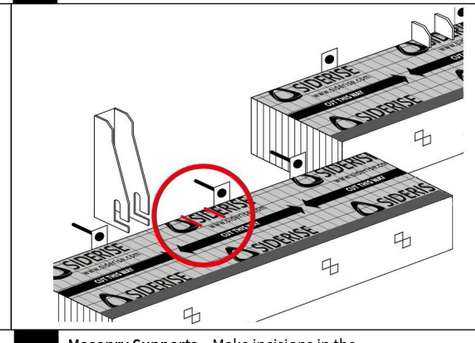
15 Where EWI and vertical EW barriers meet ensure that they are tightly abutted. Seal corners and junctions on the top side with Siderise foil tape. Vertical EW barrier must always take priority.



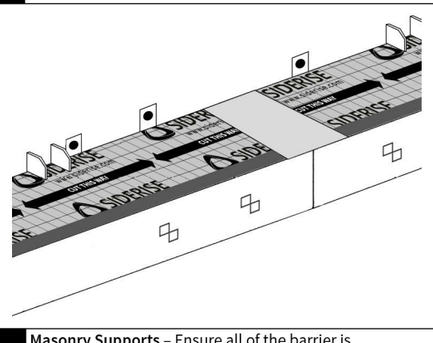
16 Carefully cut barrier to ensure mitred edges at corners to maintain a continuous line of intumescent, ensure they are tightly abutted and apply Siderise foil tape.



17 When installing around windows or doors every internal and external joint where vertical EW and horizontal EWI barriers meet, must be sealed with Siderise foil tape.



18 **Masonry Supports** – Make incisions in the horizontal barrier to accommodate the masonry support bracket.



19 **Masonry Supports** – Ensure all of the barrier is tight around the masonry support, any gaps to be packed with offcuts of Siderise barrier and sealed with Siderise RFT Foil Tape.

SCAN / CLICK HERE FOR

FURTHER INSTRUCTIONS

This is a generic guide and not project specific. You may have interfaces between Siderise cavity fire barriers and façade system components which require independent detailing, therefore please contact Siderise to arrange on-site training. We reserve the right to amend installation recommendations without notice. Siderise Group, Forge Industrial Estate, Maesteg, Bridgend CF34 0AH UK. **www.siderise.com**

SIDERISE® integrity in all we do