

Method statement for Cem-Rock™ eXtreme X4 and rainscreen application

- The boards are designed to be installed by a competent contractor experienced with these types of products.
 - For non-structural sheathing applications, the designer must ensure that the steel/timber frame has adequate strength to resist all lateral, and other, loads on their own. No contribution from the boards in the regard
 - The attachment of any applied loads must be fixed back through the boards to the steel or timber-frame structure.
 - Stud centres, this should not exceed 600mm c/c.
 - A suitable qualified and experienced individual must check that the design and method of installation of the boards.
 - Under normal conditions of use, the boards are unlikely to suffer damage, but if damage does occur, the boards should be replaced.
1. Before boards are installed, ensure steel frame is secured correctly, and installed as per engineer's specification.
 2. Ensure the boards are covered and weather protected on site prior to installation.
 3. Ensure all boards are dry prior to installation.
 4. Fix the Cem-Rock™ eXtreme X4 boards onto the framing using Greenspan approved Stainless Steel or Alkali Resistant Screws (4x40mm). Screws spacing should not exceed 150mm at the edge of each board and 200mm in the middle of the board. Minimum distance of the screw from the edge of the board is approx. 15mm. Do not countersink screws. Please ensure that board is fully supported. Wall should be true and flat.
 5. Make sure the board is installed smooth side out.
 6. Install the boards tight with a minimum 2mm gap between the boards.
 7. Make sure boards are dry before installation of consecutive layers.
 8. In situations where there is a danger of water ingress make sure the joints and screw penetration points are sealed against water penetration by using a water and UV resistant exterior grade tape or by using a suitable mastic joint compound. The use of a breather membrane to external side of Cem-Rock eXtreme X4 board as at the discretion of the architectural design team depending on the wall build-up. In situations where there is no outer insulation layer installed outside the board it is recommended that a breather membrane will be used. All joints should be sealed and made watertight as soon as possible after installation.
 9. If the breather membrane is being used outside the boards the sealing of the joints is optional. In this situation it is important that breather membrane is installed within two weeks from boards installation.
 10. Once boards are installed and joints are taped or sealed the boards can be left exposed for up to 6 months on the wall.
 11. Install rain screen cladding as per architect's specification.

For further information contact the Greenspan Technical Department.