

Glasroc® X Eaves System

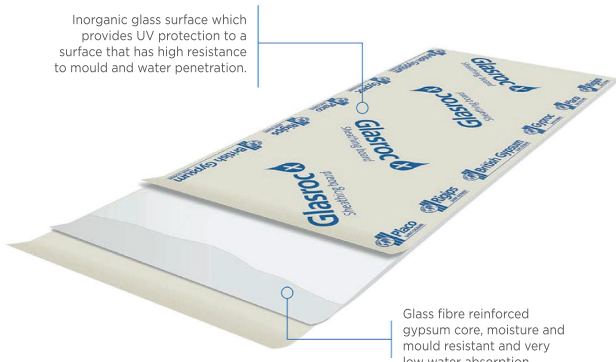
For external application



Product Description

The Glasroc® X Eaves System is a durable external ceiling for use in covered, semi-exposed and exposed areas. Glasroc® X is reinforced with a glass-mat on both surfaces, providing outstanding performance in harsh and humid environments. This non paper-faced board is free from cellulose content, forming a strong inherent resistance to mould growth which is perfect for wet areas and high-humidity environments.

Inorganic glass surface which provides UV protection to a surface that has high resistance to mould and water penetration.



Applications

Glasroc® X is the ideal board to withstand constant wet and humid conditions of external spaces such as office buildings, balconies, and others. The system is ideal for linings, eaves and soffits.

Finishing

For exposed ceilings, ensure the base coat is clean and dry before applying polymeric paint. For unexposed ceilings, apply a suitable primer and proprietary exterior paint.





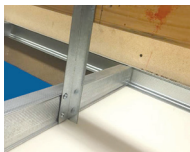
Design Considerations

Expansion Joints

Glasroc® X board has high dimensional stability, thus making it ideal for large continuous external ceiling areas, which are only interrupted for control joints. The structural framework shall support the edges of the boards at expansion joints.

Glasroc® X Expansion Joint sections must be used to cover the expansion joint.

INSTALLATION GUIDE



Step 1: Steel Grid

Gypframe® framework consisting of Z275 63.5 mm studs spaced at 600 mm centres and supported by Z275 63.5 mm tracks along the perimeter.

Step 2: Cutting Board

Cut Glasroc® X as necessary by scoring the surface with a board knife and snapping over a straight edge, before turning over and cutting through the back glass mat lining – special cutting tools are not required.



Step 3: Fixing Board

Install Glasroc® X boards to the steel framework with a maximum joint gap of 3 mm between boards. Boards should be fixed to metal profiles using 25 mm Gyproc Jack Point Screws spaced at

150 mm centres.

Step 4: Screw Reinforcement

Stagger all Glasroc® X board joints. The screws must be positioned not less than 10 mm from the board edges. The screw heads should finish flush with the board surface without damage to the core. The joints between the rows of adjacent boards should not be less than 600 mm.



Step 5: Jointing

A band of 300 mm wide Glasroc® X Fibre Mesh should be applied over the joints. The 300 mm fibreglass mesh should be embedded in Weber® Tylon® Basecoat render/plaster. The reinforcing mesh should be overlapped by at least 150 mm at joints and connections to ensure continuity.

Step 6: Basecoat

Mix Weber® Tylon® Basecoat with clean water and apply two coats of 3-5 mm each using a 10 x 10 mm notched steel trowel. Embed Glasroc® X Fibre Mesh into the wet first layer of Weber® Tylon® Basecoat by floating the surface to achieve a satisfactory flat surface. The Glasroc® X Fibre Mesh must be applied in strips running perpendicular to the direction of Glasroc® X boards.



External corners reinforcement must be in the form of Glasroc® X Corner Bead profile with drip embedded into the first layer of basecoat.

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