

TECHNICAL DATA SHEET

MonoMesh XF

MonoMesh XF is our high tensile strength, flexible alkali resistant mesh manufactured for use in the Monocouche XF system.

Once imbedded into the Monocouche XF or MonoBase XF layer the XF system has greatly improved resistance to cracking due to movement within the masonry substrate. When applied throughout the MonoBase XF layer in what we state is best practice a high strength bandage envelopes the entire elevation or building and thus goes as far as possible to offer resistant to movement whilst providing increased resistance to impact.

Masonry Application - Best Practice

Monocouche XF can be installed onto 7kn general purpose concrete block, lighter weight and lessor density blockwork, brickwork, stonework and concrete with the support of a layer of MonoBase XF polymer modified base coat with MonoMesh XF imbedded throughout to prepare in what we advise to be best practice in all scenarios.

This comprehensive approach provides a consistent base layer without impurity that controls and equalises suction onto which the through coloured Monocouche XF coating is applied thus going as far as possible to protect the render system against issues which may be caused due to the condition and behaviour of the masonry substrate

STORAGE AND PACKING

7kg per roll to be stored in a dry and frost free environment.
30 rolls per pallet weighing 210kg.

MATERIAL COVERAGE GUIDANCE

Roll dimensions: 50m x 1m (50m²)
A 50m² roll will cover 45m² allowing for 100mm overlaps.

KEY FEATURES

- 100% fibre glass
- Excellent tensile strength
- High resistance to alkalis
- Easy to cut and install
- Good flexibility
- Improved resistance to cracking
- Improved impact resistance
- ISO 9001 certified
- Fire proof

SAFETY INFORMATION

Handling this product does not require any special precautions however gloves may be used to avoid cuts to hands and or irritation to highly sensitive skin. In case of emergency consult your doctor or local A&E department.

COMPREHENSIVE TECHNICAL SUPPORT

Monocouche Render Systems Ltd

Contact: 0330 111 1467 / info@monocouche.co.uk / www.monocouche.co.uk

Comprehensive technical information and support can be found at www.monocouche.co.uk

It is advised that Monocouche Render Systems Ltd is consulted to gain a complete understanding of the system prior to commencement of works at site.

SYSTEM SAMPLES

Samples: Available upon request

www.monocouche.co.uk

INSTALLATION GUIDANCE

1. MonoMesh XF must always be installed sandwiched between two layers of render material.
2. A thin layer of Monocouche XF should be applied over the entire area before pushing the MonoMesh well into the initial coat, a final layer of Monocouche XF is then applied to encapsulate the mesh fully.
3. Care must be taken to ensure that all of the mesh is pushed into the first Monocouche XF layer so that it does not show through and out of the finished layer.
4. In the case of preparing with a 4mm MonoBase XF layer the entire 4mm base coat can be applied and then the MonoMesh XF can be pushed down into the MonoBase XF. Monocouche XF is then applied over the top with no risk of the mesh showing through.
8. We strongly recommend only approved applicators apply Monocouche Render Systems products.

For a list of approved applicators email:

info@monocouche.co.uk.

TECHNICAL DATA

Composition: 100% fibre glass

Roll size: 50m x 1m

Mesh Pitch: 10mm x 10mm

Total weight: 130 – 140 gr/m²

Tensile strength: 1600N/500mm (±10%)

Elongation: 3.5%

Chemical resistant: Good resistance to alkalis

The information here above was obtained in laboratory conditions. If more information is needed, please consult to the technical department prior to commencing the installation. Monocouche Render Systems holds the rights to the above information. Issues arising from the incorrect application of the Monocouche XF system are not the responsibility of Monocouche Render Systems Limited. ALWAYS USE AN APPROVED APPLICATOR.