

Nationwide Enquiries & Support

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MONOCOUCHE X

MASONRY APPLICATION

MONOCOUCHE XF	COLOURS	FINISH OPTIONS	TECHNICAL DOWNLOAD	SPECIFICATION TOOL
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Monocouche XF is a through colour cement based render system manufactured for direct (one coat) installation onto suitable open faced 7kn – 10kn general purpose concrete blockwork.

The substrate should be constructed with a sufficient movement control design containing bed joint reinforcement and or expansion joints as per the specific blockwork manufacturers guidelines and in conjunction with BS 5628-3 Code of practice for use of masonry and BS 6093 Code of practice for design of joints and jointing in building construction. Information and guidance on the required movement control system should be requested from the selected blockwork manufacturer. Bed Joint Reinforcement and Movement Joints are installed to allow movement with the substrate. We use cookies to ensure that we give you the best experience on our website. If you continue to use this site we will assume that you are happy with it.

Movement Joints within the substrate are then mirrored within the render coating using a UPVC Expansion Bead.

MonoMesh XF alkali resistant mesh is imbedded into the Monocouche XF at material junctions and surrounding openings to absorb stress.

The key to a successful one coat installation relies on the selection of a suitable block type, the management and control of materials and workmanship during the construction of the substrate and the specification of a suitable movement control system to ensure that the blockwork performs as it should when constructed.

Information and guidance on the required movement control system should be requested from the chosen blockwork manufacturer.

Guidance on constructing to receive Monocouche XF in one coat can also be found within the XF Construction Guide.

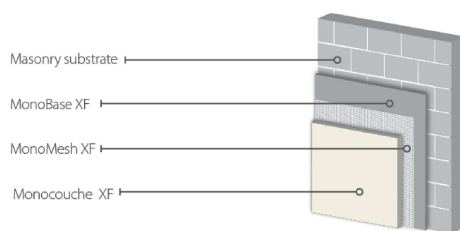
BEST PRACTICE:

Monocouche XF can also be installed onto lightweight block, brickwork, stonework, and most masonry construction with the support of a layer of MonoBase XF polymer modified base coat and MonoMesh XF installed to prepare in what we advise to be best practice in all circumstances.

The addition of the MonoBase XF and MonoMesh XF layer provides greater resistance to movement within the substrate whilst increasing protection against water penetration and weathering.

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

A PDF describing the Monocouche XF Best Practice can be downloaded from the Technical Download section and shared with site staff and installing contractors.



Best practice build up

MonoBase XF is applied to 4mm thickness over entire masonry substrate

MonoMesh XF is imbedded into entire MonoBase XF layer whilst wet

Monocouche XF is applied and finished to 15mm total thickness

KEY SYSTEM BENEFITS

Available in 19 stunning colours

Low maintenance without the need to paint

Flexibility to achieve most recognised styles of render finish

Hand or machine applied enabling large areas to be installed

Weatherproof and durable whilst allowing the structure to breathe

Ready mixed with the addition of water the only requirement to install

Greatly reduced program at site allowing other trades to continue earlier and scaffolding to be off hired sooner

SUBSTRATE PREPARATION

Masonry substrates should be stable, clean, suitably dry and free from dust and loose material.

Newly constructed masonry should be allowed to dry sufficiently before render system install.

Mortar jointing should be flushed level with the surrounding blockwork/masonry.

Levelling preparation should be carried out with MonoBase XF.

Direct contact with the masonry should be made without contamination.

Do not apply to gypsum plaster or previously painted surfaces.

Do not apply in temperatures below 5c, above 30c and before a frost.

TIMBER/STEEL FRAME

Monocouche XF will bond successfully to render specific carrier boards with the support of MonoBase XF and MonoMesh XF however there is an unknown risk of movement within the supporting frame work which may cause deflection in the render carrier board forcing the render to crack and for this reason Monocouche XF is not guaranteed in these applications.

Monocouche XF should never be applied to entire elevations constructed of timber/steel frame.

MATERIAL COVERAGE GUIDANCE

Each 25 kg bag of **Monocouche XF** will cover **1 m² @ 15 mm** thickness and each pallet comes with **40 bags** (1000 KG) (1 TONNE).

A 25 kg bag of **Monobase XF** will cover **4 m² @ 4 mm** and each pallet comes with **40 bags** (1000 KG) (1 TONNE).

Monomesh XF comes as a **50 m² roll**.

TOTAL SYSTEM THICKNESS: 15mm

The above information is supplied as a guide only; material usage is completely dependent on specific substrate type and condition.

PRODUCT RECOGNITION



Monocouche XF



MonoBase XF

PROFILE BEADING: 15mm UPVC only

Angle/Corner beads are installed to all rendered corners giving definition and providing protection against impact.

Drip/Bell beads are installed at the base of elevations to force water to fall and protect the masonry below.

Stop beads are installed to give neat and level termination at elevation boundaries and material junctions.

Expansion beads are installed over expansion joints within the masonry.

Beads should be bonded with Monocouche XF or MonoBase XF only.

All bead types are supplied in 2.5m lengths and boxes containing 25 units.

Further information on [Beads and Mesh \(/beads-and-mesh/\)](/beads-and-mesh/).

SYSTEM GUARANTEES

A 10 year system guarantee is supplied with the materials covering the system components when installed as per guidelines.

If you would like to receive a turnkey supply and install quotation for this system guaranteeing the highest standard of finish is achieved at site with a comprehensive 10 year warranty covering all system components and the workmanship throughout the installation process please call [0844 272 1467 \(tel:08442721467\)](tel:08442721467) or simply mail your enquiry to info@monocouche.co.uk (milyo:info@monocouche.co.uk)

2 Year Defects Liability Warranty

Monocouche Render Systems offer the 2 year defects liability warranty to national house builders and developers where we assume complete responsibility for the external Monocouche XF render at a registered site, project or plot throughout the entire defects liability period.

This comprehensive cover means that should a latent defect such as hairline cracking appear the render during the builder's liability period the builder or owner of the property would make direct contact with Monocouche Render Systems and we would attend to repair the fault using the MonoMend RXF system absolutely free of charge.

The standard 10 year XF system warranty would also run alongside and remain in place giving new and prospective purchasers long term confidence in the external render coating.

Important: Sites must be registered prior to installation to achieve warranty

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(https://www.instagram.com/monocouche_render_systems_ltd/)



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[nTUII7KmoG02BVQ](https://www.youtube.com/channel/UC2MP0cR-nTUII7KmoG02BVQ))



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