

MONOBASE XF

Technical Datasheet

Monocouche® Monobase XF

POLYMER MODIFIED BASE COAT

High Polymer base coat render is a factory batched, pre-mixed ready to use material with the addition of clean water being the only requirement. It is a cement based high polymer modified formulation designed to cope with difficult substrates, giving greater adhesion. High polymer base coat render is ideal as a plain finish render, or as a basecoat prior to the application of dash receivers, specialist coatings, and decorative coloured renders. (Monocouche XF).

Using unique polymer cement technology the product resists the penetration of external water and has excellent weather resistance and durability whilst allowing the structure to breathe. A High Polymer cement based reinforcing coat which offers greater flexibility and improved weathering properties over that of our standard basecoat sand and cement.

APPLICATIONS

High Polymer Base Coat should be applied in a one coat operation to a thickness of 5mm using a hawk and trowel and left to cure with a comb key affect finish. The Product can also be finished for a plain smooth finish as with traditional sand and cement... To provide the highest resistance against cracking we would always recommend the incorporation of reinforcing mesh. Monomesh XF alkali resistant reinforcing fibreglass mesh.

PROPERTIES

Flexural Strength (N/mm ²)	3.9
Compressive strength (N/mm ²)	7.3
Water Retention %	96.6
Fresh Mortar Density (g/l)	1757
Flow (mm)	167
Water Factor %	0.21

MIXING

High Polymer Base Coat should be mixed with clean water at a rate of approximately 3.5 - 4.5 litres per 25 kg bag using a suitable drill with whisk attachment. For best results, use as little water as possible and mix to give a workable consistency. Note: High Polymer Base Coat may stiffen on standing, re-mix product to regain a workable consistency but do not add any more water.

CONSUMPTION

25kg covers approximately 5m² at 3-5mm thick. These estimates take no account of wastage and may vary according to the type of surface involved. An allowance must be made for uneven and misaligned substrates when ordering materials.

DELIVERY

In 25 kg paper sacks packed on 1200 x 1000 pallets, 48 bags per pallet.

STOCKING

It is essential that the product is stored in a dry place.

SPECIAL INSTRUCTIONS

Do not add other binding agents or adhesives to the blend. Paints and coatings may only be applied after mortar has dried completely.

INFORMATION ON RISKS AND SAFETY

Protect skin and eyes as mortar exhibits strong alkaline reaction to moisture. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. May cause sensitisation by skin contact. For all other data relating to safety please refer to the safety data sheet.

DISPOSAL

Waste material code: 91206
Allow drying of residual material and dispose of as construction waste.

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MONOCOUCHE
RENDER SYSTEMS



ACTUAL BAG IDENTIFICATION



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