



MASONS - FLX™ Flexible Plaster System

STAGE 1: Synthetic Bedding and Levelling Plaster

Purpose and Areas of use: As a bedding plaster for fibreglass mesh reinforcing around window openings, sills, corners or any change of direction with the Flexi Shield Insulated Plaster System. Also as a levelling plaster/surfaces, generally with fibreglass reinforcing mesh to fibre cement board, tilt slab, or other cement based surfaces.

Product: A highly filled, heavy bodies, waterborne, acrylic plaster containing graded aggregate to provide good flexibility and excellent adhesion properties.

Process Compatibility: Fully compatible with all Masons range of Substrates, Plasters, Textures and Premium Build range of paints.

Colour: Light Blue

Standard Pack: 15 Litre and 20 Litre plastic pails.

Physical Properties:

Liquid Material

Solids (% by volume): 67%

Specific Gravity: 1.7 - 1.8

Flash Point: None - waterbased material

Shelf Life: Two years - original sealed pails when stored in cool dry conditions

Applied Product

Flexibility: Passes 10 mm mandrel

Durability: Very good when protected by Masons premium build range of textures and paints

Adhesion: Excellent to expanded and extruded polystyrene, and to other substrates over recommended primers.

Surface Preparation: Ensure all surfaces are dry and free of dirt.

Application Method: Apply with trowel or broadknife to the prepared surface, embed fibre glass reinforcing mesh into the plaster and then finish with a 1 mm thick layer over the top.

Application Properties:

Spreading Rate: 8-10 sqm/15 litre pail 2 mm thick (14.0 - 16.5 sqm/20 litre pail)

Drytime: Touch Dry 1-2 hours

Through Dry 24 hours

Full Hardness 5-7 days

At 20° and 65% relative humidity

Drying times will be prolonged at lower temperatures and/or higher humidity.

Health and Safety: Flx Bedding Plaster is a waterborne materials, non- flammable and contains no mammalian toxic substances. It requires no special storages conditions other than protection from frost and excessive heat. The use of barrier cream on exposed skin when handling material is recommended

Masons Plastabrick Ltd, 18a David Mccathie Place, Silverdale, 0932

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STAGE 2: Textures

Trowel applied synthetic "plaster" wall finishes

Purpose and Areas of use: For use in exterior and interior locations on relatively even and stable surfaces. Excellent application properties makes this a highly economical coating system.

Product: A highly filled, heavy bodies, waterborne, acrylic plaster containing graded aggregates and with high properties.

Paint Compatibility: Finish with 2 coats of Masons Premium Build high built paint range or for pre-tinted coloured textures only one coat of Masons Premium Build Paint is required.

Colours: Textures are supplied as non tinted to get the desired texture but can be tinted upon request. Available in most BS5252 and BS2660 colours. Special colour matching is available, but may be subject to minimum batch quantities.

Standard Pack: 15 Litre plastic pails.

Physical Properties:

Liquid Material

Solids (% by volume): 57%

Solids Weight: 76%

Specific Gravity: 1.70 - 1.75

Flash Point: None - waterbased material

Shelf Life: Two years - original sealed pails when stored in cool dry conditions

Applied Film

Flexibility: Passes 5 mm mandrel

Durability: Very good weather resistance with appropriate **Premium Build Topcoat**.

Adhesion: Excellent to recommended primers and basecoats.

Chemical Resistance: Very good for normal atmospheric pollutants but will depend upon top coat chosen

Fungus Resistance: **Premium Build** contains an effective mould resistant additive which contains no toxic metals or phenols.

Surface Preparation: Ensure all surfaces are dry and free of dirt.

Priming: Flx™ textures can be applied directly over Flx™.

Application Method: Mix product onsite with a high speed drill, when required mix in tinters supplied separately. Apply Flx™ with a steel trowel using aggregate as a gauge to achieve the required thickness. Allow the Flx™ to dry slightly and firm up for some minutes before, in the case of Flx™ Fine, Flx™ (standard) and Flx™ Coarse, use a plastic trowel to work the surfaces to achieve the desired smooth, sandy or rilled finish.

In the case of Flx™ Drag 2 mm use a lightly profiled P.U. or wooden trowel in long uni- directional or swirl movements to achieve the desired effect.

Application Properties:

Spreading Rate:

Flexi Coat Fine: 12-15 sqm - 15 litre pail

Flexi Coat 1 mm: 9-12 sqm - 15 litre pail

Flexi Coat 2 mm: 9-12.5 sqm - 15 litre pail

Flexi Coat Coarse 3 mm: 7.5 - 10.5 sqm - 15 litre pail

Drytime:

Touch Dry 3-4 hours - Through Dry 24-48 hours - Full Hardness 7-10 days

At 20°C and 65% relative humidity. Drying times will be prolonged at lower temperatures and/or higher humidity.

Specification Notes:

1. **Topcoat:** Shall be applied by spray or roller while masking is still in place. Normal topcoats are **Premium Build**.

2. Ensure when specifying that the grade of Flx™ **Texture** is clearly identified ie Coarse, Drag 2 mm, Fine or Standard.

Maintenance: Topcoats should be checked for recoating on a 7-10 year cycle for exterior and 10 year cycle for interior use. Clean when required using low medium pressure spray and a dilute neutral detergent solution.

Health and Safety:

Flx™ Series Coatings are waterborne materials, non-flammable and contains no mammalian toxic substances. It requires no special storages conditions other than protection from frost and excessive heat. The use of barrier cream on exposed skin when handling material is recommended.

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