

High Bond Base Coat Render (polymer modified)

TECHNICAL DATA SHEET



Product Description

Fibrocem high bond base coat render is a pre-mixed ready to use material with the addition of clean water the only requirement. A polymer modified formulation designed to cope with difficult substrates and giving greater adhesion. Fibrocem high bond base coat render is ideal as a plain finish render, or as a basecoat prior to the application of Fibrocem specialist coatings, and decorative coloured renders. Using unique polymer cement technology the product resists the penetration of external water and has excellent weather resistant and durability whilst allowing the structure to breath.

Where can it be used?

- Can be applied to most suitably prepared substrates, including:
 - Brickwork
 - Blockwork
 - Concrete
- Can be used for external or internal applications

System features

- Polymer modified
- Resistant to atmospheric pollution
- Class 0 fire rating
- 1 or 2 pass system
- Provides long term protection
- Excellent weather resistant



OR



The Fibrocem Service available to you

- Free specification service
- On-site product training when required
- Unrivalled expertise and knowledge
- Fibrocem trained contractors available
- On site technical backup

Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. Do not apply to shiny surfaces. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified. Poorly keyed surfaces or substrates of uneven or high suction should be prepared with Fibrocem P10 primer. Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out. Beads & expansion joints should be included as required by the substrate and carried through all applied materials. Suitable specification clauses, including specifications for difficult or mixed substrates are available from our technical department. Note: In many cases rendering applied to expanded metal lathing is more prone to cracking than when applied to dense masonry. To reduce this risk, lathing must be fixed strictly in accordance with the manufacturer's recommendations and relevant codes of practice. Consult our technical department for further advice. Always apply a test panel for client, specifier, main contractor or other interested party to approve before starting the main body of the work.

Mixing

Fibrocem high bond base coat should be mixed with clean water at a rate of approximately 3.5-4.5 litres per 25 kg bag using a tumble mixer or suitable drill with whisk attachment. For best results, use as little water as possible and mix to give a workable consistency. Note: Fibrocem high bond base coat may stiffen on standing. Re-mix product to regain workable consistency but do not add any more water.

NSPlus

Independently tested by

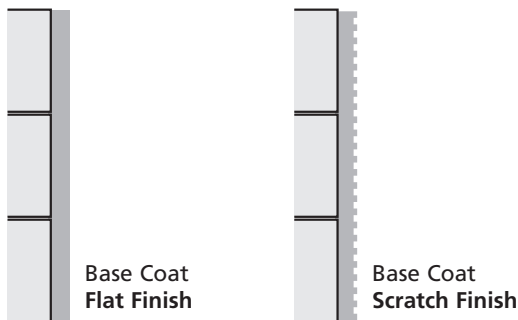
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global safety

Application

DO NOT apply if frost is forecast within 24 hours, in wet conditions, in temperatures below 5°C or above 30°C, to elevations in direct sunlight or to substrates that are hot. To avoid dampness and discoloration of finishes rendering should be avoided below DPC or within 150 mm of ground level. Fibrocem High Bond Base Coat should be applied with a hawk and trowel in a one coat operation max 10mm per pass then ruled level. On low suction backgrounds a first pass may be necessary prior to building up the full thickness in the second pass. We would always recommend the incorporation of reinforcing mesh in the render, Fibrocem recommend alkali resistant reinforcing mesh. Always ensure the joints are overlapped by 100mm.

Application	Exposure	Render Thickness	Fibrocem Finish Coat
External base coat	Sheltered / moderate	8mm-10mm	Marble Render, Dashing render
External base coat	Sheltered / moderate	16mm	Silicone / Acrylic KR 1.5mm, Textured coating, Masonry paint
External base coat	Severe	20mm	Silicone / Acrylic KR 1.5mm, Textured coating, Masonry paint

N.B – Thickness should not exceed 25mm.



Finish as required. For a plain face finish rub up in the normal way as the render begins to pick up. Other appropriate finishes may be achieved by suitable means. Cure for 2 – 3 days before over coating. During rapid drying conditions such as hot climates and strong winds, curing with a fine spray of clean water may be necessary.

Specification Clauses relating to this product can be found in NBS section M20.BS 5262 Code of Practice for External Renderings and BS 8000-10 must be followed.

Protection

Protect from unfavourable weather conditions during application and early curing.

Good practice

Do not apply:

- If frost is forecast within 24 hours of use
- In damp/wet conditions
- In temperatures below 5°C or above 30°C
- On elevations in direct sunlight or where the substrate is hot

Cleaning

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Packaging

Fibrocem High bond base coat render is supplied in 25kg bags.

Coverage

For each mm of thickness you will require approximately 1.8 kg per m². When applied at 16mm thick, coverage is approximately 35 m² per tonne.

Note: 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.

Storage

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Health & safety

Contains cement (Contains chromium (VI)). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

For further information, please request the Material Safety Data Sheet for this product.

DISCLAIMER

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.