

H.B.2 Adhesive/Base Render

TECHNICAL DATA SHEET



Product Description

Fibrocem H.B.2 Adhesive/base render is a pre-mixed ready to use material with the addition of clean water the only requirement. An Ultra high performance blended polymer modified formulation designed for direct applied to a render carrier board or external insulation systems and is used also as a base coat prior to the application of Fibrocem specialist coatings, and decorative coloured renders. Using unique technology the product resists the penetration of external water and has excellent weather resistant and durability qualities whilst allowing the structure to breath.

Typical Substrate?

- Render carrier board
- External Insulation systems, EPS, Mineral wool, Phenolic, ICF blocks
- Masonry

System features

- Resistant to atmospheric pollution
- Provides long term protection
- Excellent weather resistant

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



OR



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 F10 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 H.B.2 Adhesive/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: Fibrocem Adhesive/ base coat may stiffen on standing. Re-mix product to regain workable consistency but do not add any more water.



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 H.B.2 Adhesive / base coat is suitable as both a bonding mortar and reinforcing coat for various insulation mediums including EPS, mineral wool and phenolic. The product is also suitable as a reinforcing basecoat on render only applications to render carrier boards.

Application	Exposure	Render Thickness	Fibrocem Finish Coat
External base coat	Sheltered / moderate	6mm-8mm	Silicone / Acrylic KR 1.5mm

Bonding

The mortar is applied to the back of the insulation boards in 4 vertical strips 100mm wide, 25-30mm thick.

Adhesive Coat

Coat the insulation boards or render carrier board with the adhesive mortar to a thickness of approx 2-3mm using a stainless steel float, then use a notched trowel vertically this will prepare the mortar to receive the mesh cloth. Bed in the mesh using a stainless steel float and ensure that the joints overlap by 100mm. Once the initial set has taken up apply a second layer of adhesive mortar to produce a sandwich between the mesh and the second coat approximately 6-8mm in total. Sponge finish to achieve a flat surface ready to receive Fibrocem Silicone / Acrylic KR 1.5mm finish or a suitable finish.

Cure for 2 – 3 days before over coating. During rapid drying conditions such as hot climates, curing with a fine spray of clean water may be necessary.

Specification Clauses relating to these products can be found in NBS Section M20 Rendering.

BS 5262 Code of Practice for External Renderings and BS 8000-10 must be followed.

When using with Insulation Systems NBS M21 should be followed

Protection

The product must be protected against rain, protection against direct sun and also wind should be taken into consideration, sheeting the facade or the scaffold is advised to achieve this. Do not apply if the substrate and the environmental temperature is below +5c. Surrounding areas and other building parts, such as windows, windowsills etc, must be properly protected protect from unfavourable weather conditions during application and early curing.

Coverage

- Adhesive coat approx 4-5kg/m².
- For base coat and embedded with armoured mesh on EWI systems, approx 4.5-6.0kg/ m².
- For coating as render only to a render carrier board with reinforcing mesh approx 4.5-6.0kg/m².
- For coating as render only to brick/block work with reinforcing mesh approx 6.0-8.0kg/m².

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.

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

Packaging

Fibrocem H.B.2 Adhesive/base coat is supplied in 25kg bags on 1200x1000 pallets 42 bags per pallet.

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.