Fibrocem High Impact Render Method of Application

APPLICATION DATA SHEET

FIBROCEM™

Introduction

Fibrocem High Impact Render is a pre-mixed ready to use material with the addition of clean water the only requirement. Fibrocem High Impact Render is a two or three coat system. The Application of the Fibrocem High Impact Render is similar to standard renders, requiring the use of a straight edge rule, wood float & stainless steel trowel. The Code of Practice for Renders BS 5262 1991 and NBS Building Specification M20 should be followed.

Good Practice

1. Do not apply Fibrocem High Impact Render when the temperature is 5˚c and falling or 25˚c and rising.
2. Do not apply water to the surface of the Fibrocem High Impact Render.
3. Do not overwork the final coat as this may lead to crazing.
4. Always cure Fibrocem High Impact Render until it is hard.
5. Work out of and away from direct sunlight as this may lead to rapid drying out, cracking and lack of hydration.
6. Refer to Code of Practice for Renders BS 5262 1991. And NBS Building Specification Section M20.

Coverage

For each mm of thickness you will require approximately 2.08kg per m2. When the system is applied at 12mm thick, coverage is approximately 40 m2 per ton. **Note:** These estimates take no account of wastage normal practice is 10% addition for wastage.

Surface Preparation

All surfaces must be sound, clean, dry and free from any material which may impair adhesion. Poorly keyed surfaces, for example smooth concrete, or high suction should be prepared with Fibrocem SBR Bonding agent. **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 recommedations and relevant codes of practice.

nssPlus

Independently tested by warringtonfire global safety

CLASS 0 FIRE RATING

2 COAT SYSTEM OR 3 COAT SYSTEM

ANTI-GRAFFITI SYSTEM

Part of the Anti-Graffiti System

Mixing

Fibrocem High Impact Render should be mixed with clean water at a rate of approximately 4.8 to 5 litres per 25kg 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 Impact Render may stiffen on standing. Re-mix product to regain workable consistency but do not add any more water.

Availability & Packaging

Fibrocem High Impact Render is available delivered direct to site throughout the United Kingdom.

Fibrocem High Impact Render is supplied in 25kg bags. Bags are delivered on 1.2X1.0m 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.

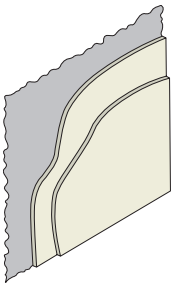
Health & Safety

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

General Application Method for New Work Concrete Blocks

1. Apply a coat of Fibrocem High Impact Backing at a minimum of 8mm thick.
2. Rule off and rub up with a wood float or sponge float to provide a light key for the finishing coat.
3. Within 24hrs and while the backing coat is still green, apply a coat of Fibrocem High Impact Finish coat to a minimum of 4mm thick.
4. When the set has taken up finish and close the fibrous texture with a steel trowel.
5. DO NOT: Over work with the trowel this can lead to surface crazing - or the fibres affecting the surface finish
6. DO NOT: Apply water to the surface of Fibrocem High Impact Render, dampen the trowel.

Product	Type	Thickness (mm)	Recommended hand tools
Fibrocem High Impact Render	Dubbing	max. 25mm/coat	Steel Trowel
Fibrocem High Impact Render	Backing	8mm - minimum 12mm - maximum	Steel Trowel
Fibrocem High Impact Render	Finish	4mm - minimum 6mm - maximum	Steel Trowel



Application Method for Stainless Steel Rib and Expanded Metal Lath Reinforced

1. Fix the stainless steel expanded metal lath in accordance with the manufacturer's instructions.
2. Apply a first coat of Fibrocem High Impact Metal Lath to a thickness of 9mm making sure that at least 6mm is from the face of the lath.
3. Rule off and rub up with a wood float or sponge float to provide a light key for the finishing coat.
4. Cure and leave for 7 days.
5. Following curing apply Fibrocem SBR Bonding agent to the surface.
6. Then apply a second coat of Fibrocem High Impact Metal Lath to a thickness of 6mm and rule off.
7. Within 24 hours apply a 3mm coat of Fibrocem High Impact Finish.
8. When the set has taken up finish and close the fibrous texture with a steel trowel.
9. DO NOT: Over work with the trowel this can lead to surface crazing - or the fibres affecting the surface finish
10. DO NOT: Apply water to the surface of Fibrocem High Impact Render, dampen the trowel.

Product	Type	Thickness (mm)	Recommended hand tools
Fibrocem High Impact Render	Metal lath backing (First Coat)	9mm min - maintaining 6mm from the face of the lath.	Stainless Steel Trowel
Fibrocem High Impact Render	Metal lath backing (Second Coat)	3mm - minimum	Stainless Steel Trowel
Fibrocem High Impact Render	Finish	4mm - minimum	Steel Trowel