

FIBFLOOR PRIMER

DESCRIPTION

A solvent free, highly fluid non-pigmented, two component preparation of liquid epoxy resin base with formulated amine hardener.

AREAS OF APPLICATION

Because of its low viscosity, Fibfloor Primer can be mixed with a considerable amount of mineral filler (aggregate). It is therefore especially suitable as filler compound, repair mortar and synthetic resin mortar on cement bound surfaces.

Because of its low viscosity and its good penetration properties, Fibfloor Primer can be used as a surface primer under solvent free coating.

FEATURES & BENEFITS

Primer when properly hardened is resistant to lye solutions, diluted acids, saline solutions, mineral oil, and aliphatic hydrocarbons, and is weatherproof and virtually non-yellowing.

Fibfloor Primer is unaffected by constant temperatures and temperature variations in the range of -30°C to +80°C wet heat; Fibfloor Primer mortar is resistant to up to +120°C dry heat and +50°C wet heat.

APPLICATION METHODOLOGY

SURFACE PREPARATION

Cement bound surfaces must be dry, firm, offer good traction, be free from grout, dust and dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be sand blasted, flame scaled, milled or ground. Iron and steel must be free of rust and scale and should be free from oil, dust and grease and other dirt particles. The best method of preparation is to flame scale or sand blast.

SMALL HOLES

Filler compound for leveling small holes and contractions in horizontal and vertical concrete surfaces and for smoothing over sand blasted roughness.

Filler Compound to be prepared from :

1 part (by volume) Fibfloor Primer (1 liter = approx. 1 kg)

1 part (by volume) fire dried quartz sand 0.06 - 0.2 mm ϕ (1 liter = approx. 1.5 kg)

Material consumption approx. 500 - 600 g Fibfloor Primer and mm coating thickness per m²

REPAIR MORTAR, FLOW MOTAR

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Filler Compound to be prepared from :

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Material consumption approx. 500 - 600 g Fibfloor Primer and mm coating thickness per m²



REPAIR MORTAR TO PREPARED FROM)

1 part (by weight) Fibfloor Primer (1 liter = 1 kg) 1 part (by weight) fire dried quartz sand 0.06 -0.2 mm ø
2 parts (by weight) fire dried quartz sand 0.7 - 1.2 mm ø

Thoroughly mix fibfloor Primer components A and B whilst stirring, first add the finer sand, and then the coarse grained sand, and mix well.

Material consumption approx. 450g Fibfloor Primer and mm coating thickness per m²

Sprinkle the freshly applied coating with fire dried quartz sand, granulations 0.2 - 0.7 or 0.7 - 1.2 mm ø, according to desired roughness. Thereby a good skid free traction surface results. As consequence of this sprinkling of sand, the thickness of the coating increases by 30-50%.

SYNTHETIC RESIN MORTAR

Apply Fibfloor Primer as primer.

Material consumption approx. 250 gm/m² For coating of 5 - 10 mm thickness.

1	Part (by weight) Fibfloor Primer
9	Parts (by weight) according to application, fire dried additives of
7	.5 % weight quartz powder (approx. 50 u)
37	.5 % weight quartz sand (0.06 - 0.2 mm)
55	.0 % weight quartz sand (0.7 - 1.2 mm)

Material consumption 140 - 200 Fibfloor Primer and mm coating thickness, depending on proportion of additives.

For manual application the mortar is suitable at a ratio of 1: 9

Mortar, which is to be compressed with a finisher, should have a mixing ratio of 1: 12 - 1 : 15 of the same screening.

For coating of 8 - 15 mm thickness.

1	Part (by weight) Fibfloor Primer and
15	Parts (by weight) fire dried additives of:
1	Part quartz sand (0.06 - 0.2 mm)
1	Part quartz sand (0.2 - 0.7 mm)
1	Part quartz sand (2.0 - 3.5 mm)

Material consumption approx. 150 g Fibfloor Primer / m² and mm coating thickness. To improve the non-skid properties, a fine sand may be sprinkled (granulation 0.09- 0.2 mm or 0.2 - 0.7 mm). Best applied with a sand blaster.

COLOUR

Colourless.

PACKAGING

Fibfloor Primer is supplied in 1,5 Kg & Project Standard.

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