



Bulk Fill 20

Levelling Powders

20



Roberts Bulk Fill 20 is a high build cementitious underlayment, specifically formulated for preparation of concrete sub floors prior to the laying of floorcoverings. Not suitable for use directly under Vinyl floorcoverings without the use of Self Leveller.

The specifically selected cements and polymers contained in Bulk Fill 20 produces underlayment with exceptional adhesion to most prepared flooring materials.

Sub Floor Preparation

Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesives and any other contaminations, which may inhibit bond. Diamond grinding, shot blasting or scarifying is the preferred method of preparation for large areas to remove any contamination.

Note:

Concrete floors must be dry in accordance with A.S. 1884 – 1985 Appendix A - 70% Relative humidity maximum.

Where temperatures less than 5°C or greater than 30°C is encountered, contact our technical staff for specific advice.

Priming

Priming with Roberts 41 Primer is essential to ensure good adhesion and reduce air release from substrate, which causes pin holes of the underlayment. Very absorbent concrete may require a second coat of 41 Primer.

Non-Porous Floors

Such as ceramic tiles, terrazzo, painted or epoxy surfaces and ssealed or burnished concrete floors should be primed using Roberts 34 Super Primer.

Mixing

Bulk Fill 20 should be mixed using a drill and suitable paddle. Use 1 bag (20 kg) Bulk Fill 20 with 5 litres of clean water. Slow add 1/2 the bag of powder to the water while mixing thoroughly, and then add remainder of bag to mix. Mix for 3 to 5 minutes to obtain a lump free mixture.

Note:

Do not over water as this will promote bleed and separation with a reduction in bond and tensile strength.

Application

Apply the mixed compound to the primed substrate using a screed bar or trowel to give the required thickness, maximum thickness applied in any one application should be limited to 50mm.

Bulk Fill 20 has a work time of approximately 10 minutes. Do not attempt to rework material after 10 minutes.

Clean Up

Clean all equipment with water immediately after use.

Packaging

Bulk Fill 20 – 20 kg bags
41 Primer – 5 litre & 20 litre containers

Storage

Bulk Fill 20 is a cement-based product, which must be stored in a dry area off the ground and out of the direct sunlight.

Typical Properties

Coverage

Approximately 12 sq.m to 14 sq.m @ approx 1mm thick or 4 sq.m to 4.5 sq.m @ approx 3mm thick depending on texture of substrate.

Flow work time

10 minutes

Initial Set Times

2 hours @ 20°C

Thickness

Maximum 50mm, may be featheredged. Thickness above 10mm the use of 4mm well washed and dried aggregate is recommended, including the addition of Additive 45.

Safety & Handling

Material Safety Data Sheet available upon request.