ROBERTS™

www.rlapolymers.com.au

PRODUCT DATA

20 Bulk Fill

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 a 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 AS.1884 1985 Appendix A - 70% Relative humidity maximum.

Where temperatures less than 5°C or greater than 35°C are 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 the substrate which causes pin holes of the underlayment. Very absorbent concrete may require a second coat of Roberts 41 Primer.

NON-POROUS FLOORS

Such as ceramic tiles, terrazzo, painted or epoxy surfaces and sealed 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 (20kg) Bulk Fill 20 with 5 litres of clean water. Slowly 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 - 20kg 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 direct sunlight.

COVERAGE

Approximately 12 sqm to 14 sqm at approximately 1mm thick or 4 sqm to 4.5 sqm at approximately 3mm thick depending on texture of substrate.

TECHNICAL DATA

Compressive Strength

1 day	6.9 Mpa
7 days	22.8 Mpa
28 days	39.8 Mpa

Flexural Strength
5.3 Mpa @ 28 days

Flow Work Time
10 minutes

Initial Set Times
2 hours @ 20°C

Thickness
Maximum 100mm, however at thickness greater than 50mm, a clean 4-6mm washed and dried aggregate may be added to promote economy.
Contact your local Roberts distributor for further technical information.

SAFETY AND HANDLING

Material Safety Data Sheet is available upon request.

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The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or tests, is given without guarantee or warranty. Refer to Material Safety Data Sheets for information on Storage & Handling, Health and Safety, and Transport.

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