

TECHNICAL DATA SHEET

SL30 SELF LEVELLER

Fast Setting Self-Levelling Internal Floor Screed

DESCRIPTION

Rockbond SL30 Self Leveller (RB 2.20) is a self-smoothing cementitious underlayment when installed 3mm or above, specifically formulated for preparation of concrete sub floors prior to the laying of vinyl, carpet and tile floor coverings. This screed is also used where a hard wearing internal concrete floor finish is required. The specially selected cements and polymers contained in Rockbond SL30 Self Leveller produces a fast setting underlayment with exceptional adhesion to most prepared flooring materials.





SPECIAL PROPERTIES

- Quickly and easily mixed, pumped, placed and finished.
- Self-smoothing, self-levelling, and will not segregate, bleed or dust.
- Self-curing and quick strength.
- Alternative material to resin screeds and cost effective.
- Non-flammable, non-toxic, user friendly and safe to use.

USES

- As a fast setting underlayment screed with exceptional adhesion to most prepared flooring materials.
- As an internal self-smoothing screed where a clean concrete finish is required.

SUB FLOOR PREPARATION

Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesive 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 NZS/AS1884 – 2013 (70% RH maximum). Where temperatures less than 10°C or greater than 30°C are encountered contact technical staff for specific advice.

MIXING INSTRUCTIONS

Rockbond SL30 Self Leveller should be mixed using a drill and suitable paddle. Use 1 bag (20kg) Rockbond SL30 Self Leveller (RB 2.20-20) with 5 litres of clean water. Slowly add the bag of powder to the water while mixing thoroughly. Mix for 3 to 5 minutes to obtain lump free mixture.

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

In applications where a very tough surface is required, replace 2lts of the normal 5lts of "mixing waters" with RB2093.

APPLICATION PROCEDURE

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 20mm. Rockbond SL30 Self Leveller (RB 2.20-20) self-levels itself in the first 10 minutes. Do not attempt to rework material after 10 minutes.

NOTE: This product must be applied by a Rockbond Approved Applicator.

HEALTH AND SAFETY

RB 2.20 is non toxic and safe to use. However, use the same precautions as with any cementitious product: wear goggles, protective clothing and a dust mask while mixing and applying the material.

TECHNICAL DATA

Coverage per 20kg bag:

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

Compressive strength @ 20°C:

1 day- 12 MPa
7 days - 24 MPa
28 days - 30 MPa

Flow / Work time:

10 minutes @ 20°C

Initial set times:

1 hour @ 20°C Can be walked on 2 - 4 hours

Ready for floor coverings:

24 hrs @ 3mm @ 16°C

Thickness:

Feather edge to maximum of 12mm

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team: +64 4 568 5401