



SOLUTIONS FOR INDUSTRY

RLA Self Leveller 88

PRODUCT DESCRIPTION

- Self Leveller 88 is a self-levelling cementitious underlayment when installed 3mm or above, specifically formulated for preparation of concrete sub floors prior to the laying of vinyl, carpet and tile floorcoverings.
- The specially selected cements and polymers contained in Self Leveller 88 produces a fast setting underlayment with exceptional adhesion to most prepared flooring materials.
- Note - While Self leveller 88 does contain polymer, it is not designed to be used over flexible substrates or areas where excessive thermal stressing is present. In these circumstances contact your local distributor for advise.

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, (or in the case of timber floors; sanding) 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 5oC or greater than 35oC are encountered, contact our technical staff for specific advise.

PRIMING:

- Priming with 871 Primer is essential to ensure good adhesion and reduce air release from substrate, which causes bubbling of the underlayment. Very absorbent concrete may require a second coat of 871 Primer.

NON POROUS FLOORS:

- Such as ceramic tiles, terrazzo, paint or epoxy surfaces should be primed using 44 Two Part Primer.

MIXING:

- Self Leveller 88 should be mixed using a drill and suitable paddle.
- Use 1 bag (20 kg) Self Leveller 88 with 5.0 litre of clean water. Slowly add ½ the bag of powder to the liquid while mixing thoroughly, and then add remainder of bag to mix, 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.

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 15 mm.
- Self Leveller 88 self smooths itself in the first 10 minutes. Do not attempt to rework material after 10 minutes.

CLEAN UP

- Clean all equipment with water immediately after use.

PACKAGING

- Self Leveller 88 - 20 kg bags
- 871 Primer - 5 litre and 20 litre containers.

STORAGE

- Self Leveller 88 is a cement based product which must be stored in a dry area off the ground and out of direct sunlight.

TECHNICAL DATA

Coverage	Approximately 12m ² -14m ² @ approx 1mm thick or 4m ² - 4.5m ² @ approx 3mm thick depending on texture of substrate.
Compression Strength @ 20oC	1 day 6 Mpa
	7 days 17 Mpa
	28 days 24 Mpa
Flexural Strength	7 days 4 Mpa
	28 days 4.6 Mpa
Flow work time	10 minutes
Initial Set time	1 hour @ 20oC. Walkable 3-4 hours @ 20oC
Ready for floor coverings	24 hours @ 3mm @ 20oC for vinyl / carpet
	Less for ceramic tile.
Thickness	Maximum thickness in one application = 25 mm. Down to feather edge.
Adhesive	Polymer Engineering flooring Adhesives have been tested and recommended for use with Self Leveller 88.