

PREMIUM, SELF LEVELLING AND SMOOTHING COMPOUND

Formulated to produce a cost effective, rapid setting, high flow, levelling underlayment for normal to heavy rolling loads.

For Professional Use



USES

- Internal applications
- Concrete Substrates
- Ceramic Tile
- Quarry Tiles
- Terrazzo
- Heated Slabs
- Over poured epoxy and Polyurethane flooring
- Residential
- Large Commercial and Retail
- Industrial

FEATURES

- Good flow properties
- Super smooth in one application
- High Coverage
- Rapid Hardening – walkable from 2 hours
- Will harden and dry at a temperature down to 10°C
- Versatile – apply to 40mm in one application
- Flexible – hand mix or pump application
- Cost Effective
- Internal Use

TECHNICAL DATA

Compressive strength – results may vary according to climatic conditions			
MPa	@ 24 hours	@ 7 days	@ 28 days
Compressive Strength	15 MPa	25 MPa	35 MPa
Tensile Bending Strength	5 MPa	7 MPa	8 MPa

TECHNICAL DATA continued

Coverage	Approx 6m ² at 3mm thickness	Working Time	20 - 30 minutes
Maximum Thickness	40mm	Drying Time	Approx. 2 hours
Water Ratio	4 – 4.40 litres per bag	VOC Level	< 0.5mg/m ³
Bag size	20 kg	Storage Life	6 – 12 months

SUBFLOOR PREPARATION

Concrete should have an IN slab moisture content done with insitu probes before proceeding. Depending on the readings Acouslime Moisture Seal may be required first. All surfaces must be free from cracks, dust, oils, wax and surface contaminants. Vacuum to remove loose material and dust. All defective host substrate must be removed before application. Defective material includes, cracked or structurally weakened surfaces. Host concrete must be roughened and aggregate exposed to ensure a good bond. The surface **MUST** first be primed with a suitable ACOUSLIME Bond Primer, ring office for advice.

Protect freshly applied levelling compounds from drafts, direct sunlight and direct sources of heat.

APPLICATION

Allow Primer to dry thoroughly

1. Put 4-4.4 litres of cold clean water into a clean container. Sprinkle in the sack contents (20kg) whilst stirring briskly and mix to a thick fluid. Lump-free consistency. Use a drill or Mixer fitted with a Mixing Paddle. Do not mix too thinly. For best flowability of product, mix for 3 minutes.
2. Pour the mixture on the area to be applied, spread the material uniformly to required thickness using toothed rake. Remove trapped air by using a spiked roller.
3. Drying time at 20°C is approx 24 hours. Abrading using 40-60 grit sanding paper improves both the surface quality and the absorbency. Poor airflow and lower temperatures will significantly affect drying time.

IMPORTANT NOTES

Minimum shelf-life 6 months in original packaging and in dry storage conditions. Tightly seal and use the contents as quickly as possible.

Best applied at 18-25°C, floor temperature above 15°C and relative humidity below 75%. Low temperatures and high humidity delays setting, drying and readiness for covering. High temperatures shorten the working time. Therefore, use the coldest possible mixing water during the summer.

Protect freshly smoothed surfaces from draughts direct sunlight and influences of heat.

The product should be protected against frost and direct light during transportation, storage and application. Application temperature should not be lower than 5°C.

SAFETY INFORMATION

The end-user of this product must first read the latest version of the Safety Data Sheets at www.acouslime.com.au before this product can be used.

DISPOSAL

Keep out of sewer and stormwater lines. In the interest of the environment, please dispose of packaging responsibly and materials as trade waste in accordance with local authority guidelines. Do not contaminate local waterways.

[To be read in conjunction with the Safety Data Sheet](#)

DISCLAIMER Version – June 2024 the end use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven to be faulty. The manufacturer is NOT responsible for any loss or damage arising from incorrect usage of this product. The information contained herein is provided in good faith and to best of Acouslime Pty Ltd knowledge is true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for an application