

## PRODUCT DESCRIPTION

Acouslime Fibre Reinforced Self Levelling Cement is used for interior levelling of new or existing Timber floors and Concrete substrates. Suitable for use in domestic or commercial environments, it will produce a smooth and level finish in uneven floors of 3mm - 30mm differences in a single application.

## USES & FEATURES

- Used internally
- Used over Timber floors and Concrete substrates
- For use over Hebel PowerFloor
- Trowels to smooth hard finish
- Pumpable
- Pre-Mix - Just Add Water
- Light Foot Traffic in 4 hours

## SURFACE PREPARATION - (For Hebel PowerFloor please refer to separate Procedure sheet)

- All Timber and Concrete substrate must be solid
- All defective host substrate must be removed before application
- Open timber joints should be sealed, before applying ACOUSLIME 002 Bond Primer
- Defective material includes, cracked or structurally weakened surfaces
- Host floor must be roughened to ensure a good bond
- All Timber and Concrete substrates MUST first be primed with ACOUSLIME 002 Bond Primer before applying Acouslime Fibre Reinforced Self Levelling Cement

## MIXING

### Water Ratio Limits per 20 Kg Bag

5.0 – 5.4 litres for Trowelable mix

## MIXING INSTRUCTIONS

1. Place 80% of the water into the mixing container
2. Slowly add 70% of the powder to the mixing container and mix for 1 minute
3. Add the final 20% of the water into the container
4. Slowly add the remainder of the powder into the container
5. Mix for 3 minutes or until uniform

### APPLYING MIXED MATERIAL

- Application Thickness 3mm to 30mm
- Do not exceed the recommended thickness in any layer
- Coverage - 2 kg covers 1 square metre at 1mm of thickness (approximately)
- Do not mix more material than can be placed in 15 minutes
- Apply small amounts of mixed material onto the surface and trowel to a smooth finish

**PLEASE NOTE:** Cementitious products should not be mixed if the temperature is expected to exceed 30 °C and or change in temperature exceeds +/- 12 °C

### BEFORE PUMPING FIBRE REINFORCED SELF LEVELLING CEMENT

- Rinse the mixer and flush water through the grout pump lines thoroughly
- Check to ensure that all lines and hoses are clear
- It is important to pump Fibre Reinforced Self Levelling Cement continuously to avoid the formation of air pockets and blockages

**PLEASE NOTE:** It is important that the correct mixing equipment is used when pumping cement grouts. Mixing times may vary depending on mixing speeds.

For more information, Ph 03 9776 4433 or [admin@acouslime.com.au](mailto:admin@acouslime.com.au)

### CLEAN UP

Clean tools and surfaces using clean water within 30 minutes of applying materials or prior to curing

### TEST CHARACTERISTIC

Property	Test Method	Results
Cement	AS 3972	Complies
Chloride Content	AS 3972 Requirement - Max 0.10 %	0.01 %
Sulphur SO3	AS 3972 Requirement - Max 3.5%	2.4%
Bleed	ASTM C940	<0.03%
Initial Set (Approximate)	AS 1012.18	90 minutes @ 20 °C
Final Set (Approximate)	AS 1012.18	300 minutes @ 20 °C
Flow Characteristics	AS 1478.2 (Appendix C)	< 45 Seconds
Compressive Strength	AS 1478.2 (Appendix A)	Complies
Maximum Particle Size	0.6 mm	
Mixing Time	3 to 4 Minutes	
Walkable Hardness	4 to 7 Hours	
Pump Life (Approximate)	30 minutes @ 20°C	

### COMPRESSIVE STRENGTH

Minimum MPa	MPa @ 24hrs	MPa @ 7 days	MPa @ 28 days	Water / 20kg
Flowable	15	25	30	5.0

The Data testing was conducted in a controlled laboratory environment field results may vary and is beyond the control of Acouslime Pty Ltd

**STORAGE** Store undercover in cool, dry conditions

**SHELF LIFE** 12 Months if unopened and kept in a dry location. You must use within 6 months from purchase date

**PACKAGING** 20kg paper bag, 48 bags per pallet, Pallet weight 990kg, (including pallet)

**DISPOSAL** Keep out of sewer and stormwater lines. In the interest of the environment, please dispose of empty bag and materials as trade waste in accordance with local authority guidelines.

**SAFETY** The end-user of this product must first read the latest version of the [Safety Data Sheets](#) at [www.acouslime.com.au](http://www.acouslime.com.au) before this product can be used.

**DISCLAIMER** The end use of this product is beyond the manufacturers 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 the product. The information contained herein is provided in good faith and to the 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.

Users are required to check the literature in their possession is the latest and correct issue.

The recommendations to the application and use of Acouslime Cement Products are based on materials mixed and applied under normal conditions. Site conditions and substrates will vary.

The product must be first tested to its suitability of the intended application. The end user of this product must first read the latest version of the Product & Safety Data Sheets at [www.acouslime.com.au](http://www.acouslime.com.au)