

## PRODUCT DESCRIPTION

Acouslime FAST FLOW Self Levelling Cement is a blend of Portland cement, graded aggregates and additives designed to give a self-levelling finish as a floor underlayment. It is rapid setting and open to light foot traffic in 4 hours. Superior crack resistance due to low shrinkage and exceptional bond. Used in indoor areas over concrete substrates. It is pumpable or can be mixed with a shear blade mixer and placed manually to a thickness up to 10mm.

## USES & FEATURES

- Used internally
- Used over Concrete floors
- Concrete floor repairs
- Underlayment under floor coverings
- Pumpable
- Pre-Mix - Just Add Water
- Trowels to hard smooth finish
- Light Foot Traffic in 4 hours

## SURFACE PREPARATION

- All surfaces must be free from dust, oils, and surface contaminants. This may require cleaning with high-pressure water blasting or saturation to the surface using water prior to applying materials
- 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 ACOUSLIME 001 Bond Primer.
- For Chloride contaminated concrete, a concrete corrosion expert must be consulted

## 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 & mix for 1 minute
3. Add the final 20% of the water to the container
4. Slowly add the remainder of the powder to the container
5. Mix for 3 minutes or until uniform

### APPLYING MIXED MATERIAL

- Application Thickness Feather to 10mm
- 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 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 Self Levelling Cement continuously to avoid the formation of air pockets and blockages

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 SO <sub>3</sub>	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 Hours	
Pump Life (Approximate)	45 minutes @ 20°C	

### COMPRESSIVE STRENGTH

Minimum MPa	MPa @ 24hrs	MPa @ 7 days	MPa @ 28 days	Water / 20kg
Flowable	15	25	35	5.0

The Data testing was conducted in a controlled laboratory environment field results may vary and is beyond Acouslime's control

- 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)