

ONE COMPONENT POLYURETHANE MOISTURE BARRIER & PRIMER

Acouslime Moisture Seal is a ready to use, polyurethane resin based moisture barrier and primer. For consolidating or waterproofing concrete and cementitious substrates.



ADVANTAGES

- Solvent and water free
- Ready to use, no mixing required
- Water resistant when cured
- Approved for radiant heated slabs
- Ultra fast curing
- 100% odourless
- Zero VOC
- Excellent Coverage

AREAS OF APPLICATION

- For absorbent floors
- Waterproofing treatment before the laying of Timber flooring to block the rise of excessive residual damp in the screeds
- Solidifying soft and brittle subfloors
- Green concrete slabs up to 98% rH In Slab
- Radiant heated slabs (two coats recommended)
- Anti-dust treatment for cementitious screeds when the surfaces are irregular, porous and dusty

TECHNICAL DATA

Chemical - Physical characteristics (20°C – 60% R.H.)			
Basis	Solvent and water free polyurethane	Specific Gravity	1.17 g/cm ³
Appearance	Brown liquid		
Times (20°C – 60% R.H.)			
Touch dry - trafficable	1 - 2 hours	Complete (Moisture) Curing	~24 hours
Overcoating	1 hr. minimum 24 hr. maximum		Laying timber flooring
Technical Characteristics			
Superficial consolidating	~ 80m ² - 120m ² per container	VOC content (pure prod.)	100% solvent free
Consolidating	Related to absorption	Application temperature	> + 10°C
Waterproofing	30 – 48m ² per container	Container size	12 kg

APPLICATION

- **First Coat:** The screed must be free of oil, wax and dirt. Apply with a roller or a brush in a single coat. After 1 – 2 hours apply a second coat. The low viscosity of the product combined with the high absorption properties allow a perfect penetration into the screed which enables the restore of uneven and dusty screeds. For full screed restoration please consult our technical service for further details.
- **Second Coat:** The second coat must be applied crosswise from the 1st coat layer to form a continuous film. Apply with a roller or a brush in a single coat. Floor MUST be laid within 24 hours of application of the last coat.

PLEASE NOTE

- For Consolidating purposes only - the moisture seal can be diluted up to a maximum of 0.5% depending on absorbency of the subfloor.
- Flooring MUST be laid within 24 hours of application of the last coat.

COVERAGE

- **First Coat:** Approximately 8 – 10m² per litre, subject to varying substrates.
- **Second Coat:** Approximately 10 – 12m² per litre, subject to varying substrates.

NOTES

- FOR PROFESSIONAL USE ONLY.
- Do not dilute for Heated Slab use
- Do not use under 10°C or in presence of a relative air humidity less than 40%.
- Do not use the Moisture Seal in the presence of rising damp.
- Not suitable to use on non absorbent floors such as ceramic tiles, marble or enameled and glass surfaces
- Do not pour any unused product back into the container.

PERFORMANCE

- **First Coat:** Acouslime Moisture Seal will block moisture in concrete slabs up to 90% rH (ASTM F 2170-02)
- **Second Coat:** Acouslime Moisture Seal will block moisture in concrete slabs up to 98% rH (ASTM F 2170-02) Acouslime Moisture Seal will block moisture in concrete up to 85% rH (ASTM F 2170-02) over radiant heated slabs.

HEALTH & SAFETY

- Avoid contact with skin and eyes.
- Consult product – specific Safety Data Sheet.
- Only instructed personnel are permitted to use the product. Our user instructions, processing guidelines, product and performance data and other technical statements are only general directives. They describe only the condition of our products (values, determination of values on the date of completion) and the performances do not represent a warranty. Because of the wide variety of applications of the individual product and relevant special conditions (e.g. processing parameters, material characteristics, etc.) it is up to the end user to test.
- Strictly respect the information reported on the labels and consult Safety Data Sheets before use.
- After use carefully close the package and do not refill it with an unopened product
- Dispose of any unused product and empty containers in accordance with local regulations.
- Do not dispose into the environment including waterways

To be read in conjunction with the Safety Data Sheet shown on our website

The information contained herein is to the best of our knowledge and belief, accurate and reliable as of the date the data was compiled. However no representation, warranty, or guarantee is made regarding its accuracy, reliability, or completeness by Acoulime Pty Ltd or any of its affiliates. It is the responsibility of the user to assure the suitability and completeness of such information and any depicted product for the particular use of the user. Acoulime Pty Ltd and its affiliates accept no liability for any loss or damage that may occur from the use of the information or any depicted product. Acoulime Pty Ltd and its affiliates specifically and expressly disclaim any and all warranties, express or implied, including merchantability, fitness for a particular purpose and freedom from claims of infringement of the rights of others associated with the sale or use of any product depicted. Acoulime Pty Ltd and its affiliates further disclaim any liability for consequential or incidental damages of any kind, including lost profits.