



ACOTHANE UK LTD

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ACOTHANE LV SEALER – TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

A two pack solvent-free polyurethane sealer for concrete.

USES

Priming of concrete, plaster, prior to application of finishing system, or as a saturation coating for concrete.

TECHNICAL PROPERTIES

Colour	Clear
Finish	Glossy
Curing Agent	Acothane Activator
Mix Ratio	2.5 Base: 1 Activator by volume
Specific Gravity	Base: 1.01 Activator: 1.22 Mixed: 1.07
Volume Solids	100%
Recommended Film Thickness	Spreading rate is dependent on surface porosity and may vary considerably
Theoretical Spreading Rate	6 m ² / litre
Application Method	Brush, Roller
Flash Point	200°C
VOC	0 g/litre
Drying Times	10°C 20°C 30°C
Touch Dry	6 hours
Hard Dry	16 hours
Minimum Overcoat	6 hours
Maximum Overcoat	24 hours

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Acothane Range

SURFACE PREPARATION

Remove all laitance and other contaminants by most appropriate method e.g. blast cleaning. Ensure the concrete is dry to a reading of less than 16% on the Wood Moisture Equivalent (WME) scale of the Protimeter Surveymaster SM Moisture Meter or similar instrument.



PRODUCT APPLICATION

Mixing

Add Activator to Base and stir thoroughly ensuring all material on the sides and bottom of the container are fully incorporated.

Decant mixed material into a suitable container such as a plastic pail or paint bucket and further mix to ensure Base and Activator components are fully blended together.

Pot life 35-40 minutes. Do not apply after this time.

Thinners

Do not thin.

Brush

After mixing use immediately. Work well into substrate.

Roller

After mixing use immediately. Work well into substrate.

Conventional Spray

Air Assisted Airless Spray

Cleaner

Thinner No.4

Cleanup Considerations

All equipment should be cleaned immediately after use with Thinner No.4

It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied.

Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Acothane UK Ltd. The user must observe local health, safety and environmental regulations when using this product.

Consult Acothane UK Limited if there are any concerns over the suitability of this product.

PACK SIZES

3.5lt composite, comprising 2.5lt base and 1.0lt activator.

PACK WEIGHTS

2.50 lt base: 2.95 kg

1.00 lt activator: 1.36 kg

STORAGE CONDITIONS

Shelf life: 12 months when stored in original sealed containers at temperatures between 5°C and 30°C.

LIMITATIONS

Normal application requires relative humidity below 80%. To avoid risk of condensation, application should be done only when the temperature of the substrate is at least 3°C above dew point. Surfaces to be free of ice / condensation.

Temperature: In Service : Immersion 0°C to 70°C depending on solution
Dry -20°C to 120°C continuous

DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.