

Acalor Dustseal Pro

Data Sheet B749

June 2010

Description

Acalor Dustseal Pro is a clear water dispersed epoxy resin primer / sealer coating. It has a good adhesion to most sound substrates and provides a dustproof easily cleaned surface with good resistance to chemical spillage.

For specific advice on chemical resistance and product information contact our Technical Services direct on (01403) 258648.

Typical Uses

Acalor Dustseal Pro is widely used as a light duty industrial flooring for garages, warehouses, and storage areas. It is ideal for use in areas where solvents are not permitted and in confined spaces where ventilation may be inadequate. As a primer for various systems, such as Acrylic polymer screeds -and Hydroclean see the data sheet for further details.

Benefits of Acalor Dustseal Pro

- Good Resistance to Dilute Chemical Solutions
- Easy to use
- Good Resistance to Dilute Chemical Solutions
- Suitable for overcoating with various systems
- Water Based System
- Durable Finish
- Economical System

Properties			
Finish Appearance	Semi-Gloss Clear.	<u>Cure Time at 20 °C:</u> 8 Hours 12 - 24 Hours 24 Hours 7 Days	Touch Dry Overcoat Light Foot Traffic Full Cure
Components	2	<u>Coverage Rate:</u> Per Coat	6 m ² per litre Coverage rate depends upon the substrate condition and profile. An allowance should be made for surface porosity and texture.
Application Method	Brush, Roller, Airless Spray	Shelf Life	All components 12 months when stored in unopened containers.
Substrate	Clean Sound Concrete	<u>Pack Size:</u> Hydrocote WD Primer / Sealer	5 kg Unit
Curing Mechanism	Chemical reaction and water release.		
Minimum Application Temperature	5 °C		
Maximum Relative Humidity	85 %		
Pot Life at 20 °C	1-2 Hours		
Thinner / Cleaner	Water		

Application Instructions

Preparation

As with all systems the degree of preparation will determine the effectiveness of the product. Surfaces must be free from laitence, loose dust, dirt and debris. All contaminates should be removed by mechanical abrasion, preferably light grit blasting, or acid etching for the removal of laitence. New concrete should be at least 28 days old. Any damage to substrate should be rectified using for example, Acalor Patch Pack.

Mixing

Add the contents of the base and hardener containers together and mix thoroughly with a slow speed electric drill and suitable paddle, allowing to stand for 2 - 3 minutes before application. Up to 10 % of clean water may be added to the mixed material if required. Once mixed the coating will remain workable for 1 - 2 hours.

Application

Apply the mixed **Acalor Dustseal Pro** by brush, roller or airless spray at a wet film thickness of 100 microns over the surface area. Application temperature should be above 5°C. Air humidity should be less than 85%.

One coat is normally adequate for use as a Primer.

Two coats are recommended for use as a clear coating.

Equipment should be cleaned immediately after use with warm soapy water.

Health and Safety

Refer to the **Acalor Dustseal Pro** Health and Safety Data Sheet before using the product. It is advisable to wear impervious gloves when handling or applying **Acalor Dustseal Pro**. Any splashes on the skin must be immediately removed by washing with soap and warm water. Do not use solvents for this purpose.

Ensure adequate ventilation is available at all times, and avoid breathing vapour, using respirators in confined spaces.

It is the purchaser's responsibility to ensure that the materials are stored and handled within the meaning of the Health and Safety at Work Act 1974.

Conditions of Sale

All Acalor Protective Materials Ltd products are manufactured to high quality standards and sold subject to the company's standard conditions of sale. A copy is available upon request.