coo-var®
PAINTS, PRIMERS AND SPECIALISED COATINGS

TECHNICAL DATA SHEET

COO-VAR OIL TOLERANT PRIMER

EPOXY RESIN PRIMER FOR SURFACES WITH RESIDUAL OIL CONTAMINATION

PRODUCE: -	COO-VAR OIL TOLERANT PRIMER
TYPE: -	OIL TOLERANT PRIMER
TYPICAL TOTAL SOLIDS: -	100%
RECOMMENDED THINNERS: -	THINNERS NOT RECOMMENDED
COVERAGE GUIDE: -	16m² PER 4KG UNIT AT 220 MICRONS DRY FILM THICKNESS
APPLICATION: -	MIX THE CONTENTS OF THE HARDENER COMPONENT WITH THE BASE, USING A SLOW SPEED POWER STIRRER. APPLY THE MIXED MATERIAL WITH A SHORT TO MEDIUM PILE LAMBS WOOL ROLLER. IF ADDITIONAL COATS OF PRIMER ARE REQUIRED, THESE SHOULD BE APPLIED 24 TO 48 HOURS APART. FURTHER APPLICATIONS OF THE TOPCOAT, SCREED, SELF SMOOTHING EPOXY OR OTHER FLOOR COVERING MAY THEN BE MADE.
APPLICATION TEMPERATURE LIMITS: -	5 - 30ºC:
DENSITY MIXED: -	1.05
OVER-COATING TIME: -	MINIMUM 10 HOURS AT 20ºC
SHELF LIFE: -	1 YEAR IN UNOPENED CONTAINERS
STORAGE: -	STORE BETWEEN 5 – 30ºC BASE AND HARDENER MUST BE PROTECTED FROM MOISTURE AND FROST

DESCRIPTION

Coo-var oil tolerant primer is a two-component epoxy resin membrane that is tolerant of residual oil contamination in concrete floors. It is essential that all surface and gross contamination is removed by cleaning with a suitable cleaner or coo-Var water based oil remover.

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WHERE TO USE

Oil tolerant primer can be used on concrete floors and fine concrete screeds, of not less than 50mm thick, in the case of unbonded screeds. The surface must be of sufficient quality, continuity and mechanical strength to ensure an even coating.

Coo-Var oil tolerant primer is designed to improve the adhesion of coatings and sc reed systems to substrates that have previously been thoroughly cleaned but may still retain some residual contamination.

Important: coo-Var oil tolerant primer will not bond to grossly contaminated surfaces and surface cleaning and preparation is an essential part of this process.

The product may also be applied to polymers, screeds and certain types of smoothing underlayments, provided these are well bonded. Such underlayments must be stable to the effects of water. If not the concrete floor must contain an integral damp-proof membrane to prevent further ingress of water from the ground.

Where laid onto a concrete surface where there is no damp proof membrane or where damage may have rendered the damp proof membrane ineffective due consideration must be given to the possible presence of hydrostatic pressure, and the consequences of creating a barrier layer resulting in the pressure/water flow being directed elsewhere.

ADVANTAGES

1. ENABLES RESIN FINISHES ETC. TO BE APPLIED ONTO CONCRETE THAT HAS PREVIOUSLY BEEN CONTAMINATED WITH ENGINEERING OILS.

2. EASILY APPLIED BY BRUSH, ROLLER OR TROWEL EDGE.

3. CAN BE APPLIED ONTO SUBSTRATES WITH HYGROMETER READINGS UP TO 85% RH.

4. COMPLETELY SOLVENT FREE AND LOW ODOUR.

SPECIFICATION

Coo-Var oil tolerant primer is used in conjunction with thorough floor cleaning and coo-Var floor cleaner and degreaser will help this process. The surface should be mechanically prepared to remove as much as possible of the contaminated surface. Several cleaning cycles may be required to achieve the necessary level of cleanliness. Rinse the surface thoroughly with clean water to remove any residues and allow surface to dry.

Inspect the surface to ensure that there is sufficient surface key and that there is no free oil contamination remaining (or that oily material has not risen from the underlying concrete).

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PREPARATION

Concrete surfaces must be prepared by scarifying, vacuum shot-blasting, planing or other suitable method. All traces of concrete hardeners or other contaminants must be removed. The surface must be thoroughly vacuumed to remove concrete dust and then protected against further contamination by suitable means. Surfaces must be free from liquid water and atmosphere must not be condensing.

APPLICATION

Mix the contents of the hardener component with the base, using a slow speed power stirrer. Apply the mixed material with a short to medium pile lambs wool roller. If additional coats of primer are required, these should be applied 24 to 48 hours apart. Further applications of the topcoat, screed, self smoothing epoxy or other floor covering may then be made.

CLEANING

Do not allow Coo-Var oil tolerant primer to set on tools. Clean immediately after use.

HYGIENE

Coo-Var oil tolerant primer is manufactured from resins and hardeners which are normally safe to use. However, it is not advisable to allow them to set on the skin and use of a barrier cream and polythene gloves is recommended. After finishing, wash hands with plenty of soap and water.

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