

## HIGH PERFORMANCE PRIMER/SEALER AND PROFLOOR FLOOR PAINT

Coo-Var Profloor Floor Paint is a high quality water based epoxy coating, based on the latest low odour low viscosity resins and hardeners.

The advantages of the Coo-Var Profloor system are:-

- \* No unpleasant effects of solvents - (fire hazards, smell, toxicity).
- \* Normal clean tap water is the only diluent.
- \* Application on humid surfaces is possible.
- \* Applications can be carried out on sensitive substrates.

The Coo-Var Profloor system can be offered in a variety of formulations for applications such as:

### FLOOR COATINGS

The standard formulation as herein described, is ideal for the heavy duty sealing of floors and other mineral substrates. It has good resistance to both abrasion and chemicals, and the lack of smell allows it to be used in sensitive areas, such as where foodstuffs are present, and where the use of other sealing systems would be prohibited.

### WATER TREATMENT PLANTS

Concrete basins used in domestic waste water treatment plants and water purification installations, can be protected against erosion and corrosion.

### FOOD INDUSTRY

Both floor seals and surface coating can be provided for these industries, when absence of smell during and after application, is vital.

Coo-Var Profloor Floor Paint is a high solids system giving an increased dry film thickness. A further advantage over some systems is that it can be produced in a textured slip resistant finish when used with the antislip additive.

## HIGH PERFORMANCE PRIMER/SEALER AND PROFLOOR FLOOR PAINT

It has good chemical and abrasion resistance and is tolerant of high humidity and lower temperatures.

### PRIMING: COO-VAR HIGH PERFORMANCE PRIMER/SEALER

COO-VAR HIGH PERFORMANCE PRIMER/SEALER is a two pack water miscible epoxy primer which has excellent sealing and adhesive qualities to a wide range of porous and non-porous substrates including concrete, plaster, brickwork, lightweight concrete blocks, wood, ceramic and dense quarry tiles, epoxies and asphalt.

COO-VAR HIGH PERFORMANCE PRIMER/SEALER should not be used in conditions of very high humidity (above 90%) or in conditions of very low temperatures (under 10°C) as the performance and drying times will be adversely affected.

Prime porous, smooth (e.g. power floated) surfaces and asphalt with High Performance Primer/Sealer. Mixing instructions for this primer are the same as for Profloor Floor Paint.

### MIXING INSTRUCTIONS FOR PROFLOOR FLOOR PAINT AND HIGH PERFORMANCE PRIMER/SEALER

You should have two containers: one larger than the other and labelled Hardener. The other smaller one labelled Base.

The contents of the pack marked Base are added to the contents of the larger pack marked Hardener and thoroughly mixed together, preferably by slow speed electric mixer. After mixing, add up to 400 mls clean tap water to the 5 kilo unit and mix again. This will make up one 5 kilo unit of High Performance Primer/Sealer or Profloor Floor Paint.

### APPLICATION

The material can be applied by brush, or shortpile roller. Equipment is cleaned with water.

### SURFACE PREPARATION

This is as normal for other flooring systems. Surfaces should be clean, sound and free from contaminants. Power floated, granolithic and smooth surfaces should be roughened first to provide a good “key” for the paint. This can be done mechanically by “abrading” or blasting or chemically using Coo-Var Acid Etch. These processes will have the advantage in addition to preparing the surface of also removing dirt and laitance. This will leave a good clean surface to paint. Application may be made to surfaces that are slightly damp, although this will retard the drying and curing time.

## GENERAL PROPERTIES

	<u>HIGH PERFORMANCE FLOOR PAINT PRIMER/SEALER</u>	<u>PROFLOOR</u>
Coverage Guide	35 - 40 sq. metres Per 5 kilo pack	32 - 40 sq. metres per 5 kilo pack
Pot life at 20 degrees C.	1½ - 2 hours	2 - 4 hours
Surface Dry 20 degrees C.	4 - 6 hours	4 hours
Hard Dry 20 degrees C.	16 hours	8 - 12 hours
Overcoat 20 degrees C.	Min 16 hours Max 7 days	Min 16 hours Max 3 days
Full hard cure	-	5 - 7 days

## CHEMICAL RESISTANCE    24 HOURS    1 MONTH    3 MONTHS    6 MONTHS

HCL 10%	+	-	-	-
NaOH 10%	+	+	+	+
Demineralised Water	+	+	+	+
Xylene	+	+	+	+
Acetic Acid 10%	+	-	-	-
Sea Water	+	+	+	+

Code    + Resistant    - Not Resistant

High Performance Primer/Sealer or Profloor Floor Paint should not be used in conditions of very high humidity (above 90%), nor in conditions of very low temperatures (under 10 degrees C.), as the performance and drying times will be adversely affected.

The resins and hardeners used are generally harmless, provided that certain measures normally taken when handling chemicals are observed. The uncured materials must not be allowed to come into contact with foodstuffs or food utensils, and skin contact should be avoided. The use of protective clothing, goggles, barrier cream and gloves is recommended. The skin should be thoroughly cleansed at the end of each working period, either by washing with soap and warm water, or by using a resin removing cream.. Do not use solvents to clean the skin. Disposable paper towels are also recommended. In case of accidental eye or mouth contact, flush copiously with water and consult a doctor immediately

Please consult our Technical Department for further advice or information. 01482-328053 Technical.

Health and Safety Data: See Coo-Var HSD Sheets P2/P3 (High Performance Primer/Sealer) and P4/P5 (Profloor Paint)

This information is given in good faith, and is based on experimental and practical work over a number of years. It should be noted that recommendations and suggestions are made without guarantee, as the end use of the product is beyond our control.

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