

## HIGH PERFORMANCE PRIMER

131/W221/1

### DESCRIPTION:

Coo-Var High Performance Primer is a water based two pack epoxy primer to assist adhesion on difficult surfaces.

### RECOMMENDED USE:

Coo-Var High Performance Primer should be diluted with 10% water for application. To assist the adhesion of PROFLOOR floor paint or other Coo-Var products to difficult floors, tiles, etc or where mechanical abrasion is not practical and chemical etching has to be used. To act as a barrier between old floorings and selected Coo-Var products (eg Bitumen, smoke stained surfaces). Ideal in areas where organic solvents are banned. Can be used on walls as well as floors. Low odour.

### AVAILABILITY:

5 Kilo

### FINISH:

Semi Gloss

### COLOUR:

Opaque when wet, dries clear

### TYPICAL S.G. (SPECIFIC GRAVITY):

1.26 @ 20 °C

### VOLUME SOLIDS:

46%

### WET FILM THICKNESS W.F.T

100 microns

### DRY FILM THICKNESS D.F.T

45 microns

### EXPECTED SPREADING RATE:

35 to 50 sq.m / 5 kilo pack  
@ 45 microns D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

### TYPICAL VISCOSITY

N/A

### FLASH POINT:

Non-flammable

### CURE TIME: @ RECOMMENDED D.F.T

Initial cure: 2 to 3 hours @ 20 °C

Hard dry: 16 hours @ 20 °C

Full cure: 5 to 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, curing and performance of any coating.

### Potlife

1.5 to 2 hours @ 20 °C

### MINIMUM OVERCOATING TIME:

Minimum 16 hours

### APPLICATION SPECIAL CONDITIONS:

### VOC CONTENT:

Below 10 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

### APPLICATION DETAILS:

Application Do not apply below 10 C. restrictions

Method Brush or shortpile roller

Thinner Clean water  
(Max vol): (500 ml)

Nozzle size: N/A

Nozzle N/A  
pressure:

Cleaning Water  
solvent:

For further advice contact Coo-Var Technical Services on +44(0)1482 328053

The physical constants are subject to normal manufacturing tolerances.

**"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"**

Ellenshaw Works  
Lockwood Street, Hull HU2 0HN  
Tel.: +44(0)1482 328053. Fax: +44(0)1482 219266

COO-VAR  
Email: [info@coo-var.co.uk](mailto:info@coo-var.co.uk)  
[www.coo-var.co.uk](http://www.coo-var.co.uk)

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Recoat Minimum 16 Maximum 7 Days  
interval: hours

drying process.

In confined spaces provide adequate ventilation during application and drying.

**SURFACE PREPARATION:**

All surfaces should be clean, dry, sound and free from contaminants.

Concrete - 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. New concrete must be allowed to cure thoroughly which can take up to 3 months.

Other surfaces have to be prepared and primed with the suitable primer for that substrate.

Existing painted surfaces - Surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose and flaking material and treat bare areas as new substrate and prepare accordingly.

**MIXING INSTRUCTIONS:**

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 500 mls clean tap water to the 5 kilo unit and mix again. This will make up one 5 kilo unit of High Performance Primer.

Potlife 1.5 to 2 hours @ 20 °C

**Pot Life - Once the parts are mixed together the material has to be used within the time stated.**

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice.

Do not apply if the temperature is likely to drop below 10C during application or during the

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**PRECEDING COAT:**

Apply Direct

**SUBSEQUENT COAT:**

Coo-Var Profloor Floor Paint, Coo-Var Profloor Plus

**REMARKS:**

For further information please see High Performance Primer and Profloor Floorpaint guidance notes.

**HEALTH AND SAFETY:**

For hardener see safety data sheet - SDS 10807

For base see safety data sheet - SDS 10808

**ISSUED:**

11 November 2009

**REVISION:**

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, since the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 328053.

Ellenshaw Works

Lockwood Street, Hull HU2 0HN

Tel.: +44(0)1482 328053. Fax: +44(0)1482 219266

COO-VAR

Email: [info@coo-var.co.uk](mailto:info@coo-var.co.uk)

[www.coo-var.co.uk](http://www.coo-var.co.uk)