

TECHNICAL DATA SHEET PROFLOOR 2 PACK EPOXY FLOOR PAINT

TDS: CVW222
135/W222/ALL

DESCRIPTION:

Coo-var Profloor is an exceptionally hardwearing water based 2 pack epoxy floor and wall coating. Dries to an off-gloss finish. Seven colours available plus other colours to order. Aggregate is mixed with paint or sandwiched between two coats for an antislip version.

RECOMMENDED USE:

Coo-Var Profloor 2 pack epoxy should be diluted with 500ml of clean water per 5kg pack. Profloor is ideal for use in heavy traffic areas for foot traffic, trucks, vans and forklifts, inside and outside. Profloor can be used over stable existing paint coverings. Can be used on wood, concrete, masonry, asphalt and tarmac. Can be used on floors and walls. An anti slip option is available. Do not apply at temperatures below 10c

AVAILABILITY:

5 kilo mixed units.

FINISH:

Off - Gloss

COLOUR:

Tile Red, Grey, Green, Safety Yellow, Safety Red, Black and White. Other colours to order.

TYPICAL S.G. (SPECIFIC GRAVITY):

1.23 @ 20 °C

VOLUME SOLIDS:

55 - 85%

WET FILM THICKNESS W.F.T

100 microns

DRY FILM THICKNESS D.F.T

35 - 70 microns

EXPECTED SPREADING RATE:

6 - 10 sq.m / kilo

@ recommended 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: 4 hours @ 20 °C

Hard dry: 8 - 12 hours @ 20 °C

Full cure: 5 - 7 days @ 20 °C

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

POTLIFE:

2 - 4 hours @ 20 °C

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

MINIMUM OVERCOATING TIME:

Minimum 16 hours

APPLICATION SPECIAL CONDITIONS:

N/A

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

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

The physical constants are subject to normal manufacturing tolerances.

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	shortpile roller	
Thinner (Max vol):	Clean water (500ml)	
Nozzle size:		
Nozzle pressure:	N/A	
Cleaning solvent:	Water	
Recoat interval:	Minimum 16 hours	Maximum 72 hours

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 Profloor Floorpaint.

APPLICATION CONDITIONS:

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As dictated by normal good painting practice. Do not apply if the temperature is likely to drop below 10 °C during application or during the drying process. In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT:

Apply direct to ordinary stable concrete. Coo-Var High Performance Primer should be used where the surface is smooth, polished or porous. On Metal use Teamac Epidox 2 Pack Zinc Phosphate Primer. Can be used on wood asphalt and tarmac.

SUBSEQUENT COAT:

Coo-Var Profloor

REMARKS:

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

HEALTH AND SAFETY:

SAFETY DATA SHEETS (SDS) - For tints and Grey bases see SDS 10398, For Tile Red, Green, Safety Yellow, Black and White bases see SDS 10801, Clear base see SDS 10803. Green Hardener see SDS 10804, All other hardeners see SDS 10805.

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, as 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.