

## TECHNICAL DATA SHEET

TDS: CVW222

### PROFLOOR 2 PACK EPOXY FLOOR PAINT

135/W222/ALL C

#### 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. An aggregate is available that can be 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 10 °C.

#### 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

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**The physical constants are subject to normal manufacturing tolerances.**

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	shortpile roller	
Thinner	Clean water	
(Max vol):	(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:**

This product is packed in pre-measured units and must not be split down further. The contents of the two containers (Part A and part B should be mixed thoroughly using a slow speed drill and jiffy type paddle for a minimum of 2 mins). Add approximately 10% by volume of clean water to the blend and mix for a further 2 mins.

**APPLICATION CONDITIONS:**

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. If an anti-slip finish is required then the aggregate should be evenly scattered over the first coat of Coo-Var Profloor Floor Paint, whilst the coat is still tacky, back roll the aggregate into the paint to ensure enough spreading and an even distribution of aggregate. The second coat of Profloor, when applied over the top of the cured first coat will seal the anti-slip aggregate in place.

**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 High Performance 2 Pack Zinc Phosphate Primer. Can be used on wood, asphalt and tarmac.

**SUBSEQUENT COAT:**

Coo-Var Profloor

**REMARKS:**

When used in conjunction with Profloor Anti-slip Option the PTV Results are: 67 Dry – Low slip risk, 57 Wet – Low slip risk. These products have been independently tested under laboratory conditions. A site assessment is an important component in determining the slip risk of any given floor; the environment, contamination substances, types of footwear and likely pedestrian behaviour can all affect the actual figures achieved during application. An onsite verification may be necessary to determine actual values. For further information please contact our Technical Services department.

**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:**

13 January 2022

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**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.

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