

TECHNICAL DATA SHEET

TDS: CVQ225

PROFLOOR PLUS

136/Q225

DESCRIPTION:

Coo-Var Profloor Plus is a heavy duty, low viscosity, solvent free epoxy floor paint with outstanding abrasion and chemical resistance.

RECOMMENDED USE:

Coo-Var Profloor Plus has the benefit of being solvent free, it is low odour during application which allows usage in areas where taint could be a problem. Ideal for use in factories, workshops / garages, stadiums and other high wear public places. An anti-slip option is available.

AVAILABILITY:

5 kilo mixed units.

FINISH:

Gloss

COLOUR:

White, Black, Blue, Flint Grey, Forest Green, Poppy Red, Safety Yellow, Sterling Grey, Tile Red and clear. Ral and BS special colours available to order.

TYPICAL S.G. (SPECIFIC GRAVITY):

1.07 @ 20 °C

VOLUME SOLIDS:

100%

WET FILM THICKNESS W.F.T

180 to 200 microns

DRY FILM THICKNESS D.F.T

180 to 200 microns

EXPECTED SPREADING RATE:

17 to 20 sq.m / 5 kilo pack
@ 180 to 200 microns per coat.

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 to 8 hours @ 20 °C

Hard dry: 24 to 36 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:

20 to 30 mins @ 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 @ 20 °C

APPLICATION SPECIAL CONDITIONS:

Disposable application equipment is recommended.

VOC CONTENT:

N/A

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

APPLICATION DETAILS:

Application restrictions

Method: Brush or
Shortpile Roller

Thinner N/A
(Max vol):

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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COO-VAR
Email: info@coo-var.co.uk
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Nozzle size: N/A

Nozzle pressure: N/A

Cleaning solvent: Thinners 16

Recoat interval: Minimum 16 hours @ 20 °C Max 48 hours @ 20 °C

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 Plus 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.

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

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. Coo-Var Dampshield and Coo-Var Oil Tolerant Primers are also available. See relevant Technical Data Sheets.

SUBSEQUENT COAT:

Coo-Var Profloor Plus Floor Paint

REMARKS:

PTV Results 56 Dry – Low Risk, 43 Wet – Low 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.

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. Use a slow speed electric mixer to ensure the items are fully mixed together as poorly mixed product can lead to uncured areas and gel spots. This will make up one 5 kilo unit of Profloor Plus Floorpaint.

HEALTH AND SAFETY:

For hardener see safety data sheet - SDS 11018. For base see safety data sheet - SDS 11019.

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

ISSUED:

20 October 2020

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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