

TECHNICAL DATA SHEET WATER BASED ANTI-GRAFFITI COATING - TWO PACK

TDS: CVWB101
205/WB101/T

DESCRIPTION:

Coo-Var WB101 is a water based polyurethane two pack anti-graffiti coating for interior or exterior use. Low odour and fast drying. WB101 can be used over compatible coloured paints. Dries to a hard, easy to clean finish.

RECOMMENDED USE:

Coo-Var WB101 is ideal for bridges, walls, subways, public toilets and stadiums. Ideal where a water based product is required.

AVAILABILITY:

5 kilo mixed packs

FINISH:

Off Gloss

COLOUR:

Clear

TYPICAL S.G. (SPECIFIC GRAVITY):

1.08 @ 20 °C

VOLUME SOLIDS:

53

WET FILM THICKNESS W.F.T

185 microns

DRY FILM THICKNESS D.F.T

100 to 105 microns

EXPECTED SPREADING RATE:

5 to 8 sq.m / kilo

@ 100 to 105 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:

45 °C (closed cup)

CURE TIME: @ RECOMMENDED D.F.T

Initial cure: 1 to 2 hours @ 20 °C

Hard dry: 24 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:

2 to 3 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 hrs

APPLICATION SPECIAL CONDITIONS:

Disposable application equipment is recommended. Ensure that the correct film thickness is achieved as over applying the coating can cause imperfections in the finished film.

VOC CONTENT:

75 g / litre

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

APPLICATION DETAILS:

Application Do not apply below 5 °C. restrictions

Method: Brush or Short pile roller

Thinner Do Not Thin. Do Not Thin. (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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Nozzle size: N/A
Nozzle pressure: N/A
Cleaning solvent: Water
Recoat interval: Minimum 16 hrs Maximum 72 hrs

HEALTH AND SAFETY:

For hardener see safety data sheet - SDS 10753.
For base see safety data sheet - SDS 10754.

ISSUED:

01 October 2015

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.

SURFACE PREPARATION:

All surfaces should be laitance free, clean, dry, sound and free from contaminants. Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose, flaking material and treat bare areas as new substrate then prepare accordingly.

MIXING INSTRUCTIONS:

The entire contents of the hardener tin must be added to the resin base and mixed thoroughly, preferably with a low speed drill and mixing paddle for two minutes ensuring the mixing action takes in the full depth and perimeter of the container. Badly activated or incorrectly mixed materials will affect performance and may cause early failure.

APPLICATION CONDITIONS:

Air temperature 5-30°C, Humidity 85% RH maximum, non condensing conditions.

PRECEDING COAT:

Apply direct, can be used over most paint surfaces, if in doubt test a small area first.

SUBSEQUENT COAT:

Apply at least 2 coats of WB101

REMARKS:

Ensure the material is not applied over the maximum wet film thickness as imperfections in the film may occur.

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