

## TECHNICAL DATA SHEET

TDS: CVQ124D

### DAMPShield

103/Q124/Damp

#### DESCRIPTION:

Coo-Var Dampshield is a two-component resin membrane that is tolerant to residual moisture in concrete floors. This enables earlier access onto the floor than would otherwise be available for the application of screeds, coatings and other floor coverings including carpets, tiles, vinyl and wood. Being solvent free it is low odour during application which allows usage in areas where taint could be a problem.

#### RECOMMENDED USE:

Coo-Var Dampshield can be used on concrete floors and fine concrete screeds, in the case of unbonded screeds this should not be less than 50mm thick. The surface must be of sufficient quality, continuity and mechanical strength to ensure even coating.

#### AVAILABILITY:

5 kilo mixed units.

#### FINISH:

Gloss

#### COLOUR:

Clear

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

1.05 @ 20 °C

#### VOLUME SOLIDS:

100%

#### WET FILM THICKNESS W.F.T

230 microns

#### DRY FILM THICKNESS D.F.T

230 microns

#### EXPECTED SPREADING RATE:

20 sq.m / 5 kilo pack  
@ 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:

Above 55 °C (closed cup)

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

Initial cure: 24 hours @ 20 °C

Hard dry: 72 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:

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 12 hours @ 20 °C

#### APPLICATION SPECIAL CONDITIONS:

See Remarks section

#### VOC CONTENT:

Max 10 g / litre

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

#### APPLICATION DETAILS:

Application N/A  
restrictions

Method: Roller  
(lambswool)

**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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Thinner (Max vol): N/A

Nozzle size:

Nozzle pressure: N/A

Cleaning solvent: Thinners 16 (Brushwash only)

Recoat interval: Minimum 12 hours @ 20 °C      Maximum 48 hours @ 20 °C

Reading % 75 - 85      1 coat @ 230 mic  
 85 - 92      2 coats @ 230 mic /  
 92 - 97      3 coats @ 230 mic /  
 coat

When laid onto a concrete surface where there is no damp-proof membrane (DPM) or where damage may have rendered the DPM ineffective, due consideration must be given to the possible presence of hydrostatic pressure, and the consequences of creating a barrier layer resulting in the pressure / water flow being directed elsewhere.

**SURFACE PREPARATION:**

Concrete surfaces must be prepared by scarifying, vacuum shot-blasting, planing or other suitable method. All traces of concrete hardeners or other contaminants must be removed. The surface must be thoroughly vacuumed to remove concrete dust and then protect against further contamination by suitable means. Surfaces must be free from liquid, water, and the atmosphere must not be

**MIXING INSTRUCTIONS:**

Mix the contents of the hardener component with the base thoroughly using a slow speed power strirrer.

**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.

**PRECEDING COAT:**

N/A

**SUBSEQUENT COAT:**

Coo-Var Profloor Plus

**REMARKS:**

The system is selected on the basis of hygrometer readings in accordance with BS 8203. The number of coats to be applied is chosen in accordance with the following table.

Relative	Coating thickness	Humidity
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**HEALTH AND SAFETY:**

For hardener see safety data sheet - SDS 11127.  
 For base see safety data sheet - SDS 11108.

**ISSUED:**

24 April 2013

**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 specificaton. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 328053.

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