

EPOCOAT WD

Water Dispersed Epoxy Floor and Wall Coating

Description

EPOCOAT WD is a high performance, water dispersible epoxy coating for the treatment of floors and walls and is designed to be user and environmentally friendly, containing no solvents and being of a very low odour during application. EPOCOAT WD may be easily applied by brush, roller or airless spray, to provide a decorative, abrasion and chemically resistant coating of excellent durability.

Typical Uses

As a floor coating in food factories, abattoirs, dairies, laboratories etc.
As a chemically resistant coating for bund areas.
As an anti-graffiti coating.
As a hygienic, easily cleanable surface on walls, ceilings etc.

Advantages

- May be applied to dry or damp surfaces process.
- Available in a range of colours
- Low odour
- Easily
- Excellent resistance to water, oils, skydrol, petrol, dilute acids and alkalis, many solvents, etc.
- Very good adhesion to concrete
- Hygienic and easily

Typical

Pot Life: 30 minutes @ 20°C
Application temperatures:
Minimum: 3°C
Maximum: 30°C
Coverage: 0.20 - 0.25 kg/m²/coat
Volume Solids: 65 %

Surface Preparation

Concrete surfaces shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, existing paint finishes, etc. Blow holes and defective concrete shall be made good using a proprietary repair compound e.g. CEMART EP MORTAR. Suitable mechanical treatment such as vacuum grit blasting or chemical treatment such as acid etching is recommended to ensure a clean, uncontaminated surface.

Mixing

Pour the contents of the BASE component into the CURING AGENT container and mix by mechanical means until uniform colour and appearance is obtained. The mixed material may be thinned by the addition of up to a maximum of 5% by volume of potable water.

Application

Apply by brush, roller or airless spray to the prepared surface at a nominal rate of 0.20 to 0.25 kg/m² per coat, equivalent to a dry film thickness of 100 - 125 microns. A minimum two coat treatment is recommended, applying subsequent coats after a minimum interval of 18 hours curing. Ensure good ventilation after application, as this speeds up the physical drying stage of the curing process.

Note: For absorbent surfaces, it is recommended that a priming coat of EPOPRIME, be applied at a nominal rate of 0.20 kg/m² prior to the coating application. Should a non-slip finish be required, a suitable silica sand should be scattered onto the first coat of EPOCOAT WD whilst still wet. The following day, any excess sand may be swept from the surface using a clean brush prior to application of the second coat.

Equipment Cleaning

Clean all equipment with CEMART TOOLCLEAN, prior to curing of the resin.

Curing

Allow to cure for a minimum of 24 hours @ 20°C prior to foot traffic and for a minimum of 48 hours prior to normal traffic. Full chemical resistance will be achieved following 7 days cure @ 20°C.

Packaging

EPOCOAT WD is supplied in 5 kg and 10 kg packs.

Coverage

A 5 kg pack is sufficient to treat 10 - 12.5 m² of surface with the recommended two coat treatment giving an overall dry film thickness of 200 - 250 microns.

Storage and Shelf Life

Store in dry, frost free conditions at temperatures between 10°C and 25°C. EPOCOAT WD has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturers instructions.

Limitations

Do not apply to wet or uncured concrete surfaces.
Do not apply at temperatures of 5°C or less.
In poorly ventilated areas forced extraction must be provided.

Health and Safety

Avoid contact of the material with skin and eyes.
Wear appropriate gloves, overalls and eye protection during use. Please refer to material Safety Data Sheet for additional information.

General Guidance

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department. Please consult our Sales Department to confirm that this Data Sheet is the current issue.