



FLORCOAT WB

Epoxy Water based Floor Coating

Product Description

FLORCOAT WB is two pack water based epoxy coating. It has excellent adhesion to cementitious surface and when cured forms a hard, flexible, semi - gloss film to seal concrete and other substrates. Two coats are recommended after a primer coat on properly cleaned concrete.

Features

- Easy to lay : Simple brush or roller application
- Chemical resistance : Good resistance to oil and chemicals
- Durability : Good resistance to abrasion
- Totally seals the concrete surface preventing dusting.
- Ease of cleaning : Can be washed and cleaned easily.

Green Building Compliance

This product has following distinct advantages

- Water-based Coatings which conform to the Indian Green Building Council (IGBC)
- Hygienic and environment friendly.
- Low VOC
- Low odour
- Antimicrobial
- Low maintenance

Uses

As a jointless, tough coat on Cementitious surfaces to provide a dustproof and more easily cleaned surface with resistance to penetration of oil, water and chemicals. Suitable for indoor car parks, water tanks, floors of warehouses, industrial buildings etc.

Properties

Pot Life @ 25°C	:	30 mins
Application	:	Brush/ Roller
Drying Time	:	
Touch Dry		6 hrs ,
Hard Dry		Overnight
Full cure		7 days

Intercoat Interval : 12 Hours

Taber Abrasion Loss/1000 Cycles : 64 mg
(CS 10 wheels) (ASTM D 4060)

Dry Film Thickness :
70-100 microns per coat depending on porosity

Mixing Ratio - As supplied

The values given above are average figures achieved in laboratory tests. Actual values obtained on site may show minor variations from those quoted.

Coverage

FLORCOAT WB : 0.3 kg/m² per coat depending on porosity, roughness & method of application

Method of Application

APURVA's system should be installed by approved contractors. Following information should be used as a guideline.

Surface Preparation

The long-term durability of the applied **FLORCOAT WB** topping is dependent on the adhesive bond achieved between the flooring material and substrate.

It is most important therefore, that substrate surfaces are correctly prepared prior to application.

- a) New concrete or cementitious substrates should have been placed at least 28 days and have a moisture content of less than 5% before topping with **FLORCOAT WB**.

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- b) Before application, the surface to be coated, should be free from loose particles, rust, oils, grease, or earlier coatings and should be thoroughly dry.
- c) After surface is dry, all repair work like sealing of joints, crack filling of cavities and crevices should be carried out.
- d) If the surface is Tremix or smooth surface then Shot Blasting is carried out to make the surface rough in order to enhance the bonding of the primer.

Priming

For use over an APURVA's floor, no primer is necessary. Light grinding is sufficient. For use over a concrete surface, **FLORPRIME WB** primer is recommended to ensure maximum product performance.

Mixing

The entire contents of hardner container should be thoroughly poured into the base container and the two materials thoroughly mixed at least 3-5 minutes

Application

Apply the mixed **FLORCOAT WB** to the clean and dry previously primed substrate by using a standard paint brush or roller to produce a thin film. Make certain that the entire surface is covered, and a continuous coating of uniform thickness is obtained. Two coats are normally required.

Colours

We shall always endeavour to supply the material in the colour shade ordered. However exact matching will not be possible.

Batch to batch colour variation may occur. Ensure that materials for final application are always drawn from the same batch.

Where colour matching is required over more than one order or delivery. Apurva's Technical department must be contacted prior to placing the order(s) an the requirement stated clearly on all orders relating to the project(s).

Shelf life

FLORCOAT WB has a shelf life of 12 months if kept in warehouse conditions at 30°C in the original, unopened pack.

Storage conditions

Store in dry conditions between 5°C and 30°C, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperatures the shelf life will be reduced.

Packaging

FLORCOAT WB is packaged in packs for easy handling. Each pack consists of
2 Kg of Curing Agent
4 Kg of Base
Bulk pack size also available on request.

Handling & Safety

It is recommended that gloves, protective clothing and eye goggles should be used. If accidental contact with material occurs, the skin should be washed immediately with soap and water. **DO NOT USE SOLVENT**

Disclaimer: *The manufacturer reserves the right to change the specifications. Apurva India Limited products are guaranteed against material manufactured and are sold subject to the company's Terms and Conditions of Sale. Whilst we endeavour to ensure that advice, specifications, recommendations and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.*

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