



FLORTHANE WB

ALIPHATIC POLYURETHANE BASED FLOOR COATING

Product Description

FLORTHANE WB is two component water based aliphatic (non-yellowing) polyurethane coating ideal for topcoats and finishes that require high abrasion resistance. **FLORTHANE-WB** provides a matt finish.

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

Features

- Good Chemical resistance
- Excellent Stain resistance
- Easy to clean
- Excellent colour retention under heavy foot traffic
- Can be used on outdoor surfaces
- Excellent Adhesion
- Excellent Abrasion Resistance
- Excellent Crack Resistance

Uses

FLORTHANE WB is a general service polyurethane coating designed to improve cleanability, increase stain resistance and abrasion resistance.

- Clean Rooms,
- Hospitals
- Pharmaceutical Facilities
- Stained Concrete
- Wood Floors

Properties

Pot Life @ 23°C	:	45-50 Minutes
Application	:	Brush/ Roller
Drying Time	:	
Touch Dry		2 hours,
Hard Dry		6 Hrs
Intercoat Interval	:	8-12 Hours Minimum
Dry Film Thickness	:	50-60microns/per coat depending on porosity
Taber Abrasion Loss/1000 Cycles (CS-10 wheels) ASTM D 4060	:	40 mg
Recommended no. of coats	:	2 minimum
Colour	:	Pigmented or Clear transparent
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

FLORTHANE WB: 6-7 sq.mts/kg per two coat depending on method of application

Method of Application

FLORTHANE WB system should be installed by approved contractors. Following information should be used as a guideline. Always consult our Technical Service Department for more details.

Surface Preparation

The long-term durability of the applied **FLORTHANE 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) Before application, the surface to be coated should be free from loose particles, rust, oils, grease, or earlier coatings and should be thoroughly dry.
- b) After surface is dry, all repair work like sealing of joints, crack filling of cavities and crevices should be carried out.

APURVA INDIA LIMITED

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Priming

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

Mixing

Pack components are pre-weighed for optimum performance. Never split packs. Empty contents of component B into a mixing container and pre-mix to assure the suspension of solids. Add component A and continue to mix to a uniform consistency for 1-2 minutes. Mix with slow speed drill and helical spinner head for 2 minutes. Avoid high speed mixing that will entrain air into the mix.

Application

FLORTHANE WB must be applied immediately after mixing the two components. **FLORTHANE WB** is applied with a rubber squeegee and medium nap roller. The roller is used to remove squeegee lines and smooth out the surfaces. Each additional coat may be applied when surface is tack free, which is about 8-12 hours.

Curing

The surface of **FLORTHANE WB** will be tack free in 4-6 hours. The coated area may be put back in service 48 hours.

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) and the requirement stated clearly on all orders relating to the project(s).

Recommendations

Apply only on a clean sound and properly prepared substrate.

Do not use water or steam in the vicinity of the application. Moisture can seriously affect the working time and properties of material.

Shelf life

FLORTHANE WB has a shelf life of 6 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

FLORTHANE WB is packaged in packs for easy handling. Each pack consists of
For Pigmented 1 Kg of Curing Agent
5 Kg of Base

For Clear 1 Kg of Curing Agent
4 Kg of Base

Handling & Safety

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts with plenty of water. In case of persistent irritation, contact a physician.

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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