

GUARDIAN WB 2K Floorcoat

Water Based 2K Floor Coating



FEATURES

Guardian WB 2K Floorcoat is a water based, two component non-yellowing floor coating. **Guardian WB 2K Floorcoat** is a clear coating which provides permanent protection to the substrate.

Guardian WB 2K Floorcoat produces a highly solvent and chemical resistant surface coating. The coating dries to a smooth finish that is easily cleaned.

Guardian WB 2K Floorcoat can be made to provide a non-slip finish by the addition of a non-slip additive.

RECOMMENDED USES

Guardian WB 2K Floorcoat is used when a long lasting chemical resistant clear coating is required. It is applied to previously uncoated, clean surfaces, and may also be used on the following substrates:

- Concrete
- Ceramic Tiles
- Fibre cement sheets
- Timber

SPECIFICATION DATA

Generic Type:	WB Acrylic Urethane	Volume Solids:	~44% ⁽¹⁾
Finish:	Gloss or Low Sheen	Dry Film Thickness:	40-50 µ total
Colour:	Clear	Wet Film Thickness:	45-50 µ per coat
Density:	~1.07 g/cc ⁽¹⁾	Number of coats:	2 coats of 25 µ dft
Packaging:	5litre kits	Pot Life:	1 hour @25°C
Application:	Spray, brush, roller	Coverage:	20m ² per L per coat. Overall is 10 m ² /litre for total DFT of 50 µ
Thinner:	Water	Touch Dry:	60 mins @25°C
Cleanup:	Water	Hard Dry:	4-6 hours
Storage:	Store under cool dry conditions away from heat and ignition sources		
		Dry to Recoat:	4-6 hours minimum, 24 hours maximum

⁽¹⁾ Based on Guardian WB 2K Low Sheen Clear Kit

PERFORMANCE

Temperature Resistance:	Up to 130°C dry heat
Abrasion Resistance:	Excellent
Weatherability:	Excellent
Water & Solvent Resistance:	Excellent
Chemical Resistance:	Excellent.

DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination, including fungal or algal growth. Remove oil or grease using an appropriate degreaser, high pressure water wash and allow to dry. Repair damaged areas and prime with appropriate primer. Stir Part A well, ensuring the material is even in appearance and lump free.

Mix 3 parts by volume of Part A with 1 part by volume of Part B. Do not shake the components to mix as this will entrap air. Allow to stand for 5 minutes prior to application.

DO NOT RESEAL CONTAINERS OF CATALYSED PRODUCT – DANGER OF EXPANSION

The product has a pot life of 1 hour from the time of mixing. DO NOT USE AFTER THIS TIME.

Apply with brush, roller or spray equipment. AVOID THICK FILMS, which may bubble. Apply 2 uniform layers of 25 microns (DFT) each coat. Thinning is not required for brush, roller or airless spray application. Apply 2nd coat after 4-6 hours and before 24 hours of the first coat.

Ceramic Tiles and grout should be degreased, wiped with methylated spirit and allowed to dry. Guardian Ceramic Primer may be required – a test panel should be carried out to test the ceramic tile for adhesion.

Full cure develops after 7 days, care should be taken during this period. Foot traffic and dry cleaning is suitable, avoid heavy traffic.

PRECAUTIONS

DO NOT USE PRODUCT AFTER POT LIFE (1 HOUR at 25°C) HAS BEEN EXCEEDED.

Provide adequate natural ventilation during use. Wash equipment immediately after use with water.

**Note: The figures quoted for pot-life and drying times may vary with local conditions - such as ambient temperature and humidity, storage conditions, and volume mixed. If the temperature is high (>25°C), the material is stored in the open, or a large volume is mixed, then the pot-life will be significantly reduced.*

DO NOT apply if temperature is below 10°C or above 38°C or if relative humidity is >85% or rain is imminent.

THIS PRODUCT IS ISOCYANATE CATALYSED and the necessary precautions must be observed when handling.

IMPORTANT! See Safety Data Sheet (SDS) for health and safety information prior to use.

GUARDIAN PROTECTIVE COATINGS

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