

DIMACOAT WB

Rev 2018

QUALITY WATER BASED EPOXY

FLOORING

Product Description

DIMACOAT is a highly abrasive and chemical resistant water based epoxy coating suitable for walls and floors. DIMACOAT has been formulated to allow High Build coatings where a low odour product is required. It is most suitable for areas where intense and rigorous cleaning methods are required. It can be used for Warehouses, Parking Stations, Garages, Food Preparation Areas and to coat Steel Work subject to chemical attack. If used as a clear surface finish the product has NO – UV protection. Colour tints improve UV, however if used externally, it is recommended that a UV stable material be coated over. For waterproofing applications, DIMACOAT is often used as a vapour barrier, prior to the membrane.

Applications

Bathrooms / Clean room areas
Food Production areas
Commercial Kitchens
Warehouse / Industrial floors
Garages / Parking stations
Industrial Steel Coating
Basements / Wet Areas

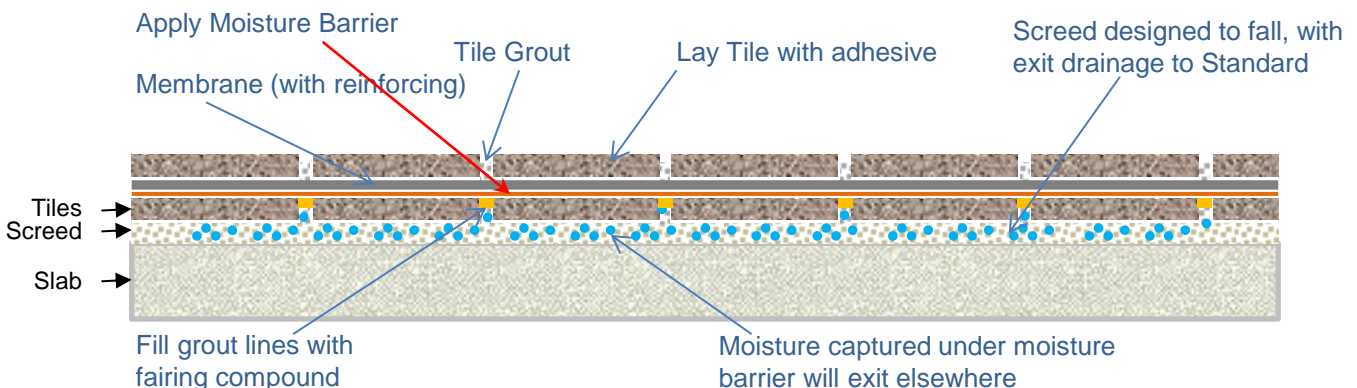


Product Features

- Water reducible
- Available in clear and colours
- Resistant to chemicals and acids
- Non flammable
- Economical
- Easy to apply to damp or dry surfaces
- Vapour Barrier/Primer (1 coat) - Waterproof Barrier (2 coats)
- Low VOC's , low hazardous materials (ref .SDS)

Moisture Barrier

DIMACOAT is used internally and externally as an effective moisture barrier to prevent water damage. Excellent as a preparation coating before applying a waterproofing membrane, or as a protective coating to hold back low hydrostatic pressure.



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SPECIFICATION

	Part A	Part B
SUPPLY FORM	Thick Liquid	Liquid
SPECIFIC GRAVITY	1.25 -1.40	1.10 - 1.20
NVM	50 ± 3%	92± 1%
APPLICATION TEMPERATURE	Minimum	10°C
	Maximum	30°C
RECOMMENDED APPLICATION	100 – 150 microns per coat	
COVERAGE	4 – 6 square metres per Litre per Coat	
HYDROSTATIC PRESSURE	345 kpa (2 coats)	

APPLICATION DIRECTIONS

DIMACOAT is sensitive to rain in the first 4 - 6 hours. Surfaces must be free of grease, oil, dirt, dust or any other contaminates. If the concrete surface is smooth, acid etch using a 1:10 Hydrochloric acid with water. Broom on surface, leave for 10 minutes then neutralise with soda ash, broom into the surface. Hose off with copious amounts of water. Absorbent substrates should be dampened with water before application or add water to first coat as a primer if required. Apply with brush, roller or spray.

MIXING

When adding colour tint to Part B, MIX THOROUGHLY.
Premix part A with Part B using a slow speed drill and spiral-mixing paddle for no less than three (3) minutes to ensure a homogeneous mix. Depending on the absorbency of the surface, DIMACOAT can be diluted by up to 10% with water **ONLY** after Part A and Part B has been thoroughly mixed. Second and eventually third coats should be applied undiluted or diluted once preceding coats have dried.

MIX RATIO

Clear Epoxy 3 (PART B) : 1 (PART A) by volume (3:1)

APPLICATION SOLIDS CLEAR EPOXY 24 – 26%

CURE TIME

Application temperature Min.10°C - Max 30°C. Allow 8 hrs at 25°C between coats. Longer times when colder temperatures. Fully cured after 7 Days at 25°C.

POT LIFE 45Mins at 20°C.

CLEANING Tools should be cleaned with water immediately after use or whenever there is a break of more than 30 minutes.

SHELF LIFE Unmixed components of DIMACOAT can be stored in original pack for at least 12 months if kept air tight, closed and stored at moderate temperature.

PACKAGING 12 Litre Kit 4 Litre Kit

TECHNICAL DATA

