



## DURAXY WB

Water based epoxy system

### Description:

**DURAXY WB 250** is an unfilled water based epoxy system with white emulsions of pack A & pack B. It has found a variety of applications like sealer-coat/dust proof, waterproof-coat and primer-coat for other epoxy and PU products and also as a protective coat over surfaces of concrete, masonry and metals or in combination with Portland cement for waterproofing of concrete and masonry, thin concrete overlays for dust proof and abrasion resistant floors, bonding and patching pre-cast concrete, grouting etc.

**DURAXY WB 300** is a water based epoxy coating with pack A white in colour and pack B black in colour. Mixed material in both wet and cured condition looks like light cement grey. **DURAXY WB 300** is exclusively used for waterproof coating over concrete, masonry surfaces and also over metals as a corrosion protective coating.

### Features:

- Water based epoxy is Eco-friendly and non-flammable.
- **DURAXY WB 250** can be used as an admixture in thin layer concreting for highly impermeable and abrasion resistant surface/floors.
- Water base epoxy is odorless and virtually non-toxic.
- Water base epoxy can be used in variety of maintenance and restorative application.
- Very high quality products. Very useful in combination with cement/concrete.

### Application:

#### Surface preparation:

The surfaces where **DURAXY WB** products are to be applied should be sound and free from dirt's/dusts/loose particles/grease/oils or any other contaminants.

Pack B should be poured into pack A and thorough mixing should continue till homogeneous mix results. Do not mix more of Pack A & B together than can be used/ applied in the permissible period of pot life.

#### Mixing:

- a) Stir individual packs to re-disperse any separated water or resin.
- b) Pour equal volumes of pack A & B in a suitable container.
- c) Mix them for 3 min at least with mechanical stirrer like drilling m/c (RPM 300/500) till smooth / homogeneous mix results. Improper mixing may cause premature failure or retard or prevent full cure.
- d) Thoroughly mixed material of the pack A & pack B should be taken as admixture to cement / aggregate

## Technical data:

	<u>Duraxy WB 250</u>	<u>Duraxy WB 300</u>
Two pack system	: Pack A: Creamy white liq. Pack B: Creamy white liq.	Pack A: white creamy liq. Pack B: Black thick liq.
Weight per liter	: 1.02 ± 0.01	1.16 ± 0.02
Work life after mixing Of Pack A & B (1 Kg)		
40 <sup>0</sup> C	: 20 min	25 min
27 <sup>0</sup> C	: 40 min	50 min
15 <sup>0</sup> C	: 100 min	120 min
Thinner	: Water	Water
Finish	: Semi-gloss	Matt
Coverage m <sup>2</sup> /kg (mixed matt.)		
Typical 1 <sup>st</sup> coat	: 3	2.8
2 <sup>nd</sup> coat	: 4	3.6
Metal surface, m <sup>2</sup> /kg		
Typical 1 <sup>st</sup> coat :	4	3.5
2 <sup>nd</sup> coat :	5.5	4.8
Time gap between coats		
Typical at 30 <sup>0</sup> C	: 60 min	60 min
(first coat should be checked as nail hard impression)		
Important	: <b>DURAXY WB</b> products should not be used below 8 <sup>0</sup> C	
Clean-up of tools	: Warm water & Detergent	Warm water & Detergent
Shelf life & Storage	: Store above 00C. Shelf life of 12 months in the original unopened containers.	
Health & Safety	: Non-toxic & non-flammable but use clean clothing and wash with soap and water. In application of confined area, provide adequate forced ventilation for drying.	
Packing	: In 10 kg kits ( pack A : 5 kg & pack B : 5 kg.), any other packing of 50 kg kits.	

**IMPORTANT:** Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

**WARRANTY:** Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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