

EPOXY D-105W BLUE

INTRODUCTION

EPOXY D-105(W), mainly composed of Water bone epoxy resin, is suitable for concrete facilities. It has excellent adhesion and durability with abrasion, chemical, water and oil resistance.

ADVANTAGES

- Excellent adhesion
- Good chemical resistance
- Good Physical Properties

USE

Used as a Top Coat for floor application in chemical factories, swimming pool, Fish farm, Water tank



TYPICAL PROPERTIES

Item	Typical value
Finish	Semi Glossy
Color	Blue.
Components	2
Mixing Ration(Wt)	4 : 1 (Wt)
Solid by Volume(%)	35±2
Specific Gravity (Mixed)	1.05±0.03 (g/cm)
Theoretical coverage	3.5 m ² /L (100μm)
Recommended dry film thickness	100 ~ 200μm

Pot Life&Reconting interval

Product Name	EPOXY D-105 Blue
Pot Life (25°C)	1.5Hrs
Dry Time (25°C)	24Hrs
Dry to recoat	After 24Hrs
THINNER	Water (Max 5%)
Shelf Life(Months)	1 Year from manufacture date when stored indoors at 5 ~ 38°C

Application Equipment

- Spray, Brush, Roller

Drying Time

Substrate Temp	5°C	20°C	30°C
Set to Touch	3 Hrs	1.5 Hrs	1 Hr
Dry through	36 Hrs	24 Hrs	14 Hrs
Fully cured	10 Day	8 Day	5 Day

Surface Preparation

- Prepare the surface free from any loose cement, dust, moisture, oil and other contaminants.
- For perfect film properties, avoid painting in rainy day(Max. humidity 85%) or cold day(Max 5°C)
- Bubbling may occur in case of applying this material in the high temperature
(air : above 30°C. surface : above 38°C)

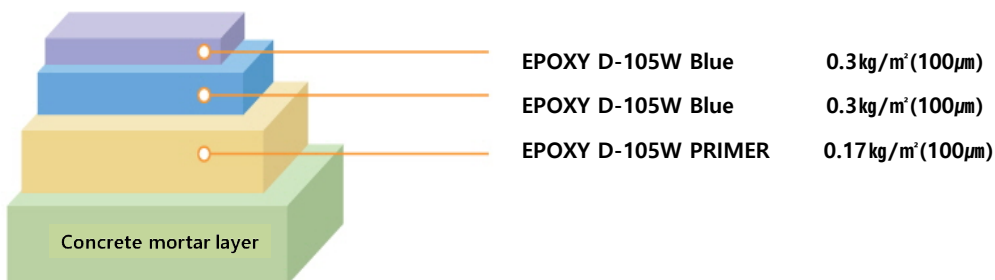
Safety Precaution

- Mixing separately, then combine together and mix thoroughly with high speed dissolver for 3~5minutes prior to application
- Do not mix with other paints.
- Mixed paint should be use within pot life
- Do not store at temperature above 30°C

Remarks

- Use adequate ventilation
- Avoid contact with skin and eyes, and prolonged breathing of solvent vapors.
- In case of contact, wash with organic solvent and followed by soap and water cleaning.
- Respiratory protection is recommended when applying this product in confined spaces or stagnant air.
- Clean equipment with THINNER EPOXY (S) immediately after use.
- Wash the exposed skin with a soap and water after painting
- Waste paint materials must be treated by ordinance of Environmental Government.

Construction Section



◆ Paint requirements; surface conditions, work methods, depends on the working conditions.