Technical Data sheet

Nippopoxy660 ZP Prim Self Std Gry

Product Description

Nippopoxy 660 ZP Primer is a two-pack, high solids, High buildepoxy intermediate coating pigmented with micaceous iron oxide. It provides a high build impervious barrier coating that gives excellent adhesion, surface wetting properties and anti-corrosive properties

Recommended Use

An anti-corrosive primer and/or intermediate coating for corrosion protection of steel and other substrates in atmospheric environments.

Physical Properties

Composition : Epoxy Resin cured with polyamide and pigmented with zinc phosphate

Volume Solids	: 60 ± 2%	**Temperature Resistance :**	
Mixing Ratio: Base: catalyst	: 6:1 (ByV/V)	Continuous	: 93^0 C
Pot Life:	: 4-6 Hours	Intermittent	: 120^0 C
Application	: Airless spray/Convetinal spray		
Recommended DFT	: 60-80 µ's per coat		
Recommended WFT	: 100 - 134 µ's per coat	**Abrasion Resistance**	: Excellent
Theoretical Spreading Rate	: 7.5 - 10 m^2/ ltr	**Colour**	: Self Standard Grey
Drying Time :		**Finish**	: Matt to Eggshell
Surface Dry	: Max. 60 min @ 30^0C	**Packing** .	: 21 Ltrs
Tack Free	: Max. 4 Hour@30^0C	**Thinner**	: Thinner IK-1501
Hard dry	: 6 - 10 Hours@30^0C	**Chemic resistanace:**	
Overcoating Interval :		**Acid & Alkali**	: Good with Primer & Topcoat
MIN.	: 6 Hours	**Oil resistance**	: Good with Primer & Topcoat
MAX.	: 90 days	**Solvent Resistance**	: Good with Primer & Topcoat

Storage Life : Upto 12 months when kept under sealed and controlled condition.

Surface Preparation

All surfaces should be clean, dry, and free from contamination. The surface should be assessed and treated per ISO 8504. Oil or grease should be removed per SSPC-SP1 solvent cleaning. Damaged Area The Damaged area should be prepared with abrasive blast cleaning to Sa 2½ (ISO 8501-1:2007). When abrasive blasting is impossible, mechanical cleaning St 3 (ISO 8501-1:2007) is acceptable.

Appliaction Details

Stir the component A and component B separately and then mix the base and Hardener as per recomende mixing ratio. Mix the paint properly after mixing and allow it to mature for 10-15 minutes and stir again before use and during application. For conventional Spray Add thinner 1501 20-35% to get proper application pattern. Brush : Apply preferably without thinning. However, if required during application, add upto 5% Thinner 1501. Brushing is recommended for stripe coat and touch up of critical areas.

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For Airless Spray : Tip Size : 0.017" – 0.027"
Pressure at Nozzle : 180 – 200 kg/cm2
Thinner Intake: 5-10%

Recommended system:

Intermediate Coat:

1. Nippopoxy 680 HS MIO
2. Indopoxy 645 MIO
3. Nippopoxy 692 HS HB Mastic

Finish Coat :

1. Nippothane 1066 HS
2. Nippothane 2075 G

Precautions

1. Do not apply in rain, fog or mist and when the surface temperature is 50^0C and above.
2. Material should be used under speculate pot life.
3. The spray machine hose and paint storage equipement should clean with thinner 1702 to avoid blockage and damage.
4. Below 10^0 C and above 85% Relative humidity appliaction should be avoided. It creates paint defect.
5. application should be avoided when substrate temperature is less than 3^0C than the dew point temperature

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