INDöKöTE
INDUSTRIAL COATINGS BY NIPPON PAINT

NIPPON PAINT

Technical Data sheet

Nippopoxy 361 tank liner

Product Description

Nippopoxy 361 Tank lineris a two-pack epoxy novolack coating exhibit resistance in wide range of chemicals. It gives three dimension network structures.

Recommended Use

It is designed for long-term corrosion protection lining of storage tank for a wide range of chemicals, solvents, crude oil and vegetable oil

Physical Properties

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

Volume Solids	: 76 ± 2%	**Temperature Resistance :**	
Mixing Ratio: Base: catalyst	: 5:1 (ByV/V)	From -40°C to 200°C	
Pot Life:	: Min. 4 Hours		
Application	: Flow/Airless spray/Convetinal spray		
Recommended DFT	: 50-250 µ's per coat		
Recommended WFT	: 65 - 328 µ's per coat	**Abrasion Resistance**	: Excellent
Theoretical Spreading Rate	: 3.04 - 15.2 m^2/ ltr	**Colour**	: Assorted Shades
Drying Time :		**Finish**	: Eggshell / Semi Glossy
Surface Dry	: Max. 90 min @ 30^0C	**Packing** .	: 24 Ltrs
Tack Free	: Max. 6 minutes@30^0C	**Thinner**	: Thinner 1501
Hard dry	: 8-10 Hours@30^0C	**Chemic resistanace:**	
Overcoating Interval :		**Acid & Alkali**	: Very good
MIN.	: 10 Hours	**Oil resistance**	: Very good
MAX.	: 7 days	**Solvent Resistance**	: Very good

Storage Life : Upto 12 months for both packs when kept under sealed and controlled condition of temperature and humidity

Surface Preparation

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning. Damaged Area Damage area should be prepared with abrasive blast cleaning to Sa 2½ (ISO 8501-1:2007). When abrasive blasting is not possible, mechanical cleaning to St 3 (ISO 8501-1:2007) is acceptable.
Hydro-blasting for maintenance structures is preferred choice where there are heavy deposits of contaminants. Ultra-high pressure hydro-blasting equivalent with light flash rusting as per standards NACE NO. 5 or SSPC SP 12- WJ2 and NV2 as referred in SSPC vis-5 pictorial standard.

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 10-35% 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" – 0.031"
Pressure at Nozzle : 180 – 200 kg/cm2
Thinner Intake: 5-20%

Recommended system:

Product can be use as directly over properly prepared MS substrate for tank internal
Primer Coat

1. Nippopoxy 760 ZR Primer
2. Nippopoxy 660 ZP Primer
3. Zinky-13 Inorganic Zinc Rich Primer 85

Finish Coat:

1. Nippothane 1067 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 1501 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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