

Neropoxy 266 MIO HB Coating

SCOPE

Neropoxy 266 MIO HB Coating is designed for use as a two pack high build epoxy polyamide intermediate. This coating provides an intermediate coat having good resistance against highly corrosive & humid atmosphere. It is recommended for use in new construction and maintenance services over properly primed surfaces in protective coating system for steel & concrete structures exposed to aggressive conditions.

COMPOSITION

Epoxy resin suitably pigmented with Lamellar Micaceous Iron oxide pigment & separately packed clear polyamide solution as hardener.

Volume solids	66 ± 3%
DFT / Coat	65 – 125μ
Theoretical Coverage / Coat	5.3 - 11.0 m ² / ltr.

PRODUCT DETAILS

Type	Two Pack
Mixing Ratio	By volume
Component A	5 parts
Component B	1 part
Colour	Red Brown / Grey
Gloss	Slight sheen to eggshell
Pot Life	4 - 6 Hrs at 30°C
Curing mechanism	Solvent release and chemical reaction between two components
Flash Point	
Component A	Above 25°C
Component B	Above 25°C
Drying Time (30°C)	
Surface Dry	2 - 3 Hrs.
Hard Dry	16 - 18 Hrs.
Full Cure	7 Days
Recoating Time	Min. 18 Hrs. Max. 1 month (provided the surface is clean and dry from all contaminants)
Thinner	T-1000080
Thinner Consumption	
Conventional Spray	15 – 25%
Brush	05 – 15%

APPLICATION DETAILS

Applied Over:

Epoxy Primer / Zinc Primer

Application Method:

Brush/ Conventional Spray / Airless Spray

Shelf Life:

12 months under normal storage condition in original sealed containers at 30°C.

Pack Size:

4 ltrs. & 20 ltrs.

Surface Preparation:

Before applying this epoxy intermediate coat, the epoxy primer/ zinc primer undercoat must be clean, dry & free from moisture, grease and other contaminants or even surface coat may be applied. In case of aged epoxy primer, the surface should be sufficiently roughened prior to painting. In case of aged zinc primer, the white deposition on the painted surface should be removed by thorough water scrubbing or high pressure water washing. A mist coat is recommended prior to painting over zinc rich primers.

Application Instruction:

Stir the Comp. A and Comp. B separately. If settling is observed in the component A, loosen the settled material & mix it with the help of pneumatic stirrer. Mix component B gradually into component A in the specified ratio under continuous stirring till homogeneous. Use Epoxy thinner (T-353) as specified.

Environmental Conditions:

Surface temperature must be at least 3°C above Dew Point to prevent condensation.

Temperature:

Air	5 - 40°C
Surface	5 - 50°C
Relative Humidity	50 – 80%

Special Notes:

Thinner consumption may vary depending upon site condition. Practical covering capacity depends on application technique, ambient condition, wastage, surface condition etc.

Safety Precautions:

Please refer to the Material Safety Data Sheet.

Kansai Nerolac Paints (KNP) warrants the goods to be free from defects in material and workmanship. KNP makes no other warranties concerning the goods. No other warranties, whether expressed, implied or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply to goods and in no event shall KNP be liable for consequential or incidental damages. Any recommendation or suggestion relating to use of the products made by KNP whether in the technical literature of KNP, or in response to specific inquiry, or otherwise, is based on data believed to be reliable by KNP, and KNP shall not be liable for any loss or damage incurred to the Buyer on account thereof. However, the goods and information are intended for use by the Buyer having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy himself of the suitability of the goods for his own particular use and it shall be deemed that the Buyer has done so, at his sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.
Issue Date: October 15, 2006 | PN: D2550-26480