Nerothane Enamel (PU)

SCOPE

Nerothane enamel (PU) is a high performance glossy acrylic aliphatic polyurethane topcoat having excellent colour and gloss retention. It is tough, abrasion resistant and cures through a wide temperature range. It is recommended as a topcoat for use over various Nerolac epoxy primers for use in new construction and maintenance services especially in areas subjected to outdoor exposure marine and industrial atmospheric exposures.

COMPOSITION

Pigments dispersed in acrylic binder with separately packed clear aliphatic isocyanate hardener.

Volume solids	45 ± 3%
DFT / Coat	25 - 50µ
Theoretical Coverage / Coat	9.00 - 18.00 m² / ltr.

PRODUCT DETAILS

Type	Two Pack
Mixing Ratio	By volume
Component A	4 parts
Component B	1 part
Colour	In desired shades
Finish	Glossy
Pot Life	4 Hrs at 30°C
Curing mechanism	Solvent release and chemical reaction
Flash Point (Liquid)	
Comp A	Above 25°C
Comp B	Above 25°C
Drying Time (30°C)	
Surface Dry	45 Mins.
Hard Dry	6 - 8 Hrs.
Recoating Time	24 Hrs
Thinner	PU Thinner
Thinner Consumption	
Conventional Spray	5 – 20%
Airless Spray	0 – 15%

APPLICATION DETAILS

Applied Over:
Epoxy primed surface

Application Method:
Brush / Conventional spray / Airless spray

Shelf Life:
12 months under normal storage condition in original sealed containers at 30°C

Pack Size:
20 ltrs.

Surface Preparation:
Before applying Nerothane enamel (pu) the epoxy under coat must be clean dry and free from moisture grease and other contaminants in use of are aged epoxy under coat, the surface should be sufficiently roughened prior to painting.

Application Instruction:
Stir comp A and comp B separately. If settling is observed in component A , loosen the settled material and mix it with the help of a pneumatic stirrer. Mix component A with comp B in the specified ratio under continuous stirring till homogenous. Add thinner as required. Filter through 80 mesh before application.

Environmental Conditions:
Surface temperature must be 3°C above Dew Point to prevent moisture condensation.

Temperature:

Air	5 - 40°C
Surface	5 - 50°C

Special Notes:
Thinner consumption may vary depending upon site conditions. Practical covering capacity depends on application techniques, ambient conditions, wastage, surface condition etc.

Safety Precautions:
Please refer to the Material Safety Data Sheet.

Issue Date: October 15, 2006 | PN: 26292

Tel: 2493 4001 | Fax: 2493 5743 | Email us at industrial@nerolac.com | Visit us at www.nerolac.com

KANSAI NEROLAC PAINTS LIMITED
Nerolac House, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013