

Nerothane 460 GL

Scope

Nerothane 460 GL is an aliphatic polyurethane topcoat. It is hard, flexible and it cures through wide temperature range. It is recommended for use in new construction and maintenance services over properly primed surfaces. It has good resistance against water, acid & heat resistance in ambient temperature. It is used for application over Metal, primed concrete surface and various outer surfaces.

Composition

Pigments dispersed in a polyol binder with separately packed aliphatic isocyanate hardener.

| | |
|-----------------------------|-----------------------------------|
| Volume solids | 46 ± 3% |
| DFT / Coat | 45 – 50 µ |
| Theoretical Coverage / Coat | 9.20 – 10.22 m ² /ltr. |

Product Details

| | |
|---------------------|--|
| Type | Two Pack |
| Mixing Ratio | By volume |
| Component A | 8 parts |
| Component B | 1 part |
| Colour | In desired shades |
| Gloss | Glossy |
| Pot Life | 4 – 6 Hrs. at 30°C. |
| Curing Mechanism | Solvent release and chemical reaction between the components |
| Recoating Time | Min. 16 Hrs. Max. 5 Days |
| Flash Point | Above 25°C |
| Drying Time (30°C) | |
| Surface Dry | 1 – 2 Hr. Max. |
| Hard Dry | 16 - 18 Hrs. |
| Thinner | T-021 |
| Thinner Consumption | |
| Conventional Spray | 5 – 15% |
| Brush | 0 – 5% |

Application Details

Applied over:
Primed surface.

Application Method:
Brush / Conventional spray

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

Pack Size:
20 ltrs.

Surface Preparation:
Primed surfaces must be clean, dry, and free from moisture, grease and other contaminants.

Application Instruction:
Stir the component A and component B respectively. If settling observed in the component A, loosen the settled material and mix it with the help of pneumatic stirrer. Mix component B gradually in the component A in the specified ratio under continuous stirring till homogeneous. Use recommended thinner as specified for brush and spray application.

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 |

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.

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