UNIPROTECTOR

Two pack abrasion resistant aluminium pure epoxy anticorrosive. It provides long term protection in areas where severe corrosion may occur on new buildings such as the underwater hulls, boottop, topsides, decks, holds, ballast tanks, etc. This winter workable epoxy coating is highly resistant to mechanical damages.

Suitable Use
For underwater hulls, topsides, boottop, cargo holds, decks, water ballast spaces and superstructure etc. where exposed to significant damages caused by abrasion and wear and tear.

Type
Pure Epoxy (Aluminium/Abrasion Resistant/Two-pack)

Gloss
Flat

Volume Solids
62 ± 2% (ISO3233:1998)

Typical Dry Film Thickness
100 ~ 150 μm

Approx. Wet Film Thickness
161 ~ 242 μm

Theoretical Coverage
4.13 m²/L

Drying Time
<table>
<thead>
<tr>
<th>Drying Time</th>
<th>Surface Dry</th>
<th>Dry Hard</th>
<th>Full Cure</th>
<th>Interval before Overcoating Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 hours (5°C)</td>
<td>3 hours (20°C)</td>
<td>2 hours (30°C)</td>
<td>14 days (5°C)</td>
<td>7 days (20°C)</td>
<td>5 days (30°C)</td>
</tr>
<tr>
<td>6 hours (20°C)</td>
<td>3 hours (30°C)</td>
<td>7 days (20°C)</td>
<td>5 days (30°C)</td>
<td>7 days (20°C)</td>
<td>5 days (30°C)</td>
</tr>
</tbody>
</table>

Interval before Overcoating
<table>
<thead>
<tr>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 hours (5°C)</td>
<td>10 days (5°C)</td>
</tr>
<tr>
<td>7 hours (20°C)</td>
<td>7 days (20°C)</td>
</tr>
<tr>
<td>4 hours (30°C)</td>
<td>5 days (30°C)</td>
</tr>
</tbody>
</table>

Thinner
NIPPON MARINE THINNER 600 (0 ~ 10%, by weight)

Application Method
Airless Spray
- Tip range 0.53 ~ 0.64 mm
- Fan range 45° ~ 60°
- (T/U) 30°
- Output pressure 150 ~ 200 kg/cm²

Brush
For touching up small areas only

Mixing Ratio by Volume
BASE 2.56 / HARDENER 1

Pot Life after Mixing
6 hours (5°C) 2½ hours (20°C) 1 hour (30°C)

Typical Package
16 Liters (BASE 11.5L, HARDENER 4.5L)

Package may vary from country to country.

Japan Local Brand
UNIPROTECTOR

Flash Point
BASE 24°C HARDENER 28°C

Surface Preparation
Blast cleaned to ISO-Sa 2.5 or power tool cleaned to ISO-St 3.0 is recommended

Safety
Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)

Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapour concentrations within safe limits.

Prior to use, obtain, consult and follow the MSDS for this product concerning health and safety information.
<Note>

1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

2) Since pot life is shortened at high temperature (1 hour at 30°C). Avoid mixing excessive amounts at one time such conditions.

3) Store the paints in paint store.