



Anti Corrosion Technology For Future

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Valid From: 23/03/2016 (Rev.2 - 7/2016)

## NAKI 11 PU™ Industrial Top Coat

**11 PU™ INDUSTRIAL TOP COAT** is an acrylic resin coating designed for high performance with exterior gloss with colour retention and weathering properties.

- Recommended** : Designed for use for heavy duty interior and exterior at marine and offshore structure. As a heavy duty maintenance for use in areas of exterior surfaces of steel tanks, structural steel, and aggressive atmospheric condition (ISO 12944-2:C5I)
- Health & Safety** : Read and observe health & safety datasheet prior to application
- Colour** : Standard Colour (Colours are available upon requests), with 80 - 90% Gloss
- Mixing Ratio** : 4 : 1 Volume (Base : Activator)
- Add all the activator to the base and mix thoroughly, ensuring no unmixed materials remain. Remove all the mixed material from the base tin and re-mix in another container.
- Mix only as much material as may be used during the limited pot life.
- Surface Preparation** : PU 11 is designed as a top coat for other NAKI product. The surface to be painted should be clean from any contaminants. Surface preparation must be minimum Commercial blast clean per SSPC-SP6 for the appropriate recommended primer.
- Application Equipment** : Brush, Roller, Airless spray, Conventional spray. For airless spray recommended tip size 0.32-0.48mm (13-19 thou).
- Application Method** : This material is intended for application in one coat of between 50 - 75 micron DFT.
- Pot Life** : Approximately 6 Hours 25°C. This time will vary significantly with temperature.
- Specific Gravity** : 1.0-1.25 kg/l
- Volume of Solid** : 50 - 55%
- Theoretical Spreading Rate** : 10 m<sup>2</sup>/Liter at 50 Micron DFT



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Recommended DFT	: 50 – 75 Micron
Cure Time	: Tack Free : Approximately 5 Hours at 30°C Full Cure : Approximately 5 days at 30°C (Will vary significantly with temperature)
OverCoating Time	: Minimum : 10 Hours at 25°C Maximum : 48 Hours (These times may be substantially shorter at high ambient temperature)
Storage & Handling	: The product must be ideally stored in a cool and well ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed before and after use.
Flash Point	: 70°C (DIN 53213)
Packaging	: 20 Liter & 5 Liter Composite kits.
Shelf Life	: A Minimum of 1 year in unopened tins stored below 25°C
Cleaning Solvent	: Acetone, Xylene, Toluene, Epoxy Equipment Cleaner

### Disclaimer

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, product is often used under condition beyond our control; we cannot guarantee anything but the quality of product itself. We reserve the right to modify from time to time according to manufacturer experience and continuous development program.