



Anti Corrosion Technology For Future

Data Sheet  
©Copyright  
Valid From: 05 March 2008

## NAKI 5 MTY™ Polyester Compound

---

---

Charateristics	: Is a high build polyester glassflake, it use for metal repair. It also can be moulded and machined
Recommended	: As a re-surfacer & repair compound for concrete, brick and metallic substrates. Typical areas of work including pit filling, drain interceptors, gullies, etc. MTY 5 may be used with reinforcement mesh where necessary to increase the integrity of severely damaged component.
Health & Safety	: Read and observe health & safety datasheet prior to application
Colour	: Off white
Mixing Ratio	: 98 : 1 by Weight (Base : Activator)  Add all the activator to the base and mix thoroughly, ensuring no unmixed materials remain. The ratio should always within these limit. Measure the correct proportion of catalyst for the amount of base & carefully add this to the base, using a suitable clean implement.  Mix only as much material as may be used during the limited pot life.
Surface Preparation	: <b>Metals:</b> abrasive blast cleaning to Sa 2½ (ISO 8501-1:2007), SSPC SP10 or NACE #2 will be suitable. A minimum surface profile of 75 Microns required. <b>Concrete:</b> Priming is required (NAKI 6 PCP), please refer to concrete surface preparation guidelines.
Application Equipment	: Natural Bristle Brush, Trowel, or scrapper blade
Application Method	: Using trowel, the catalysed material should be vigorously worked into the surface profile. MTY 5 may be applied at DFT up to 5 mm without sagging on vertical surfaces.
Pot Life	: Approximately 1 Hour 20°C. This time will vary significantly with temperature.
Volume Solids	: 99%
Thinners	: Do not thin. The use of thinners in MTY 5 will significantly affect product performance



Anti Corrosion Technology For Future

Data Sheet  
©Copyright  
Valid From: 05 March 2008

## NAKI 5 MTY™ Polyester Compound

---

Recommended DFT	: 1,000 to 6,000 Microns in single applied. Depend on service and atmospheric duty, may be built up to to any desired thickness for repair.
Theoretical Spreading Rate	: 1.85 Kg/m <sup>2</sup> at 1,000 Micron DFT The amount may increase depent upon geometry and nature of work undertaken and the skill and care of application
Cure Time	: Tack Free : Approximately 3 Hours at 30°C Full Cure : Approximately 2 days at 30°C (Will vary significantly with temperature)
OverCoating Time	: Minimum : 10 Hours at 25°C Maximum : 72 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	: 40°C
Packaging	: 20 Liter Composite kit.
Shelf Life	: A Minimum of 1 year in unopened tins stored below 20°C
Cleaning Solvent	: Acetone, Xylene, Toluene, MEK

### 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.