



Anti Corrosion Technology For Future

Data Sheet
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NAKI 6 MSN™ Special Hard Compound

Charateristics	: Is a two pack epoxy coatings which has an excellent wear and abrasion resistant properties after dry at room temperature, it forms super hard film coatings.
Recommended	: Ideal for extreme abrasion protection on Internal pipes, elbow, blades, flanges. It also has good abrasion resistant for fly ash on washing and separating system of coal and mineral processing.
Health & Safety	: Read and observe health & safety datasheet prior to application
Colour	: Black and Brown
Mixing Ratio	: 2:1 by 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. Adding inhibitor after the catalyst will ruin the product. Please refer to product application guide
Pot Life	: Approximately 30 Minutes at 30 C. This time will vary significantly depend on temperature
Surface Preparation	: To obtain maximum adhesion the subrate should be grit blasted to SA 2.5 with 70 micron profile. If grit blasting is not possible, wire brushed surface and decontamination should be perform, surface should also be roughened to provide suitable key.
Application Equipment	: Stiff brush, putty knife, and trowel
Application Method	: This material is intended for application at thicknesses between 1 to 5mm. The material should only be applied when the surface temperature is between 10 C to 40 C. MSN 6 may be built up to any desired thickness in multiple coats
Thinners	: Do not thin. The use of thinners in MSN 6 will significantly affect product performance
Volume Solids	: 95-99%

Recommended DFT	: As a general lining 3,000 micron Depend on service and atmospheric duty, may be built up to any desired thickness for Repair
Theoretical Spreading Rate	: 1 m ² / Litre @ 1000 Micron thickness The amount may increase depend on geometry and nature of work undertaken and the skill and care of application.
Cure Time	: Full Cure : Approximately 48 hours at 30 C Post cure for shorter periods will increase the characteristics of this material
OverCoating Time	: Minimum : 12 Hours at 30°C Maximum : 36 Hours at 30°C If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure inter-coat adhesion. Before recoating after exposure in contaminated environment, clean surface thoroughly with (high pressure) fresh water hosing and allow to dry.
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.
Packaging	: 20 Liter Composite Kit
Shelf Life	: A minimum of 1 year in unopened tins stored below 30°C
Cleaning Solvent	: Thinner, Cleaning Solvent,

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 quality of product itself. We deserve the right to modify from time to time according to manufacturer experience and continuous development program