



Anti Corrosion Technology For Future

Data Sheet
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NAKI 49 HSTM Novolac Epoxy Modified

Charateristics	: is a 2-components coating with excellent performance chemicals resistance to pure sulphuric Acid and also has high resistance to blistering and it has excellent adhesion to metal
Recommended	: Primarily produced for protection from with strong concentration of sulphuric acid. Application include bund areas, tank, pipe works, chemical floors, decking, structural steel, etc.
Health & Safety	: Read and observe health & safety datasheet prior to application
Colour	: Black and brown (Colour available upon request)
Mixing Ratio	: 2.5:1 by Volume (Base : Activator) Remove lids from both component A-activator & B-base and scoop out all component A putting into component B. Mix thoroughly ensuring that no unmixed material remains. Remove all mixed material from base tin and remix on clean flat surface or shallow receptacle.
Pot Life	: Approximately 120 Minutes at 25 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 75 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	: Brush & Airless Spray
Application Method	: This material is intended for application in one coat of between 300 - 400 Micron DFT. Where build up of damage component is requires this should be carried out first using NAKI 7 NZB
Thinners	: Do not thin. The use of thinners in HS 49 will significantly affect product performance
Volume Solids	: 90-95%



Recommended DFT	: Minimum of 400 Microns in two coats. Care should be taken to observe overcoating times.
Theoretical Spreading Rate	: 1.1 Litres/ m ² @ 1,000 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 72 Hours at 30 C Post cure for shorter periods will increase the characteristics of this material
OverCoating Time	: Minimum : 10 Hours at 30 C Maximum : 30 Hours (These times may be substantiall shorter at high ambient temperature)
Specific Gravity	: 1.1 - 1.4 kg/l
Flash Point	: 75 C
Pull off adhesion (ISO 4624)	: 20.9 N/mm ² on blasted carbon steel
Temperature Limit	: Non-Immersed: 80 C, Immersed: 60 C
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 Litre Composite Kit
Shelf Life	: A minimum of 1 year in unopened tins stored below 30°C
Cleaning Solvent	: Acetone, Naki Thinner

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