



Anti Corrosion Technology For Future

Data Sheet
©Copyright

Valid From: 25/03/2016 (Rev.3 - 8/2017)

NAKI FlexiCoat™

Flexible Polyester Glassflake

Charateristics	: A highly flexible two-pack Polyester glassflake resin, with great Elongation range
Recommended	: Application where high flexibility and elongation are needed. Used to repair and connect between coating and flexible lining/rubber and for adding impact resistance. It can be overcoat with any suitable NAKI Coating to increase corrosion protection ability
Health & Safety	: Read and observe health & safety datasheet prior to application
Colour	: Clear
Mixing Ratio	: 98:2 by Weight (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 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 50 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 and Roller
Application Method	: This material is intended for application at thicknesses between 100 to 1,000 Micron DFT. The material should only be applied when the surface temperature is between 10 C to 40 C.
Thinners	: Do not thin. The use of thinners in NAKI FlexiCoat will significantly affect product performance
Volume Solids	: 99%





Anti Corrosion Technology For Future

Data Sheet
©Copyright

Valid From: 23/03/2016 (Rev.3 - 8/2017)

NAKI FlexiCoat™ Flexible Polyester Glassflake

Recommended DFT	: As a general lining 300-1,000 Micron Depend on service and atmospheric duty, may be built up to high thickness if its combined with woven roving glassmat.
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 72 hours at 30 C Post cure for shorter periods will increase the characteristics of this material
OverCoating Time	: Minimum : 9 Hours at 30°C Maximum : 15 Hours at 30°C
Elongation at Break (ASTM D638)	: 80%
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.
Temperature Limit	: Non immersed: 110°C, Immersed: 80°C
Packaging	: 20 Litre Composite Kit
Shelf Life	: A minimum of 1 year in unopened tins stored below 30°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 quality of product itself. We deserve the right to modify from time to time according to manufacturer experience and continuous development program