



Anti Corrosion Technology For Future

Data Sheet
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Valid from: 05/07/2020 (Rev.5 - 7/2020)

NAKI 6 PCP™ Vinyl Ester Primer

Charateristics	: Is a vinyl ester primer for both Concrete and Metal Substrate
Recommended	: A holding primer for concrete & metal substrate prior to application of NRZ Series or TRL Series. Can also be used for adhesion promotion between existing NRZ or TRL and repairs, or a new top coat. Use PCP 6 wherever service allows.
Health & Safety	: Read and observe health & safety datasheet prior to application
Colour	: Clear slightly brown
Mixing Ratio	: 98:2 base to activator by weight 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. Mix only as much material as may be used during the limited pot life.
Surface Preparation	: Metals: 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 is required. Concrete: please refer to concrete surface preparation guidelines.
Application Equipment	: Natural Bristle Brush, Airless spray with 45:1 ration or greater. For airless spray recommended tip size 0.7-1.2mm (28-48 thou).
Application Method	: Apply as a single coat at a WFT between 50 - 150 Micron. Over thickness will increase tack free time.
Pot Life	: Approximately 1 Hour 25°C. This time will vary significantly with temperature.
Volume Solids	: 93%
Thinners	: This product should not be diluted or thinned.





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Recommended DFT	: DFT is not specified. WFT should be checked and be within the range 50 - 150 micron during application.
Theoretical Spreading Rate	: 8 m ² /Litre at 100 microns WFT.
Cure Time	: Tack Free : Approximately 1 Hour 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)
Hardness (ASTM D2240)	: 47 Barcol after full cure
Tensile Strength (ASTM D638)	: 26.8 N/mm ² (3,876 psi)
Pull off adhesion (ISO 4624)	: 25.8 N/mm ² (3,740 psi) on blasted carbon steel
Temperature Liimit	: 90 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 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.