

KANSAI PLC 255 HT

Silicone Acrylic

DESCRIPTION

KANSAI PLC 255 HT is a protective coating for medium to high temperature service where colour is required. The coating will withstand continuous high temperature exposure up to 255°C. It exhibits excellent outdoor weathering properties and suitable for coastal and industrial environment.

RECOMMENDED USES

KANSAI PLC 255 HT is recommended for protection of equipment exposed to high temperature like stacks, boiler, heat exchanger and etc. To further enhance the corrosion protection properties, an inorganic zinc primer is highly recommended before application of **KANSAI PLC 255 HT**.

LIMITATIONS

KANSAI PLC 255 HT is not recommended for immersion service and chemical exposure.

ADVANTAGES

- Good abrasion resistance.
- Temperature resistance up to 255°C
- Withstand thermal shock from 200°C to 0°C
- Adhesion – Excellent adhesion over steel.
- Very good flexibility.
- Fast dry – Very short top-coating time.

PHYSICAL DATA

| | |
|------------------------------|---|
| Finish | : Gloss |
| Volume Solids | : 40 % |
| No. of Components | : One |
| Recommended Thickness | : 40 microns DFT per coat 100 microns WFT per coat |
| Theoretical Coverage | : 10m ² /litre @ 40 microns DFT |
| Drying Time | : Touch dry : 1 hour Top-coating : 12 hours |
| Temperature resistance (dry) | : Continuous : 232°C Non-continuous : 255°C |
| No. of coats recommended | : One to two coats |
| Packing Size | : 5 litres & 20 litres |

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : Remove oil or grease from surface to be coated with clean rags soaked in **KANSAI PLC Cleaner #72** in accordance with SSPC-SP1. For steel surfaces, apply over clean dry, recommended primer or tie coat.

MIXING : Power mix the material to uniform consistency before application.

THINNING : Thin not more than 10% by volume with **KANSAI PLC Thinner #73** only when necessary for workability.

APPLICATION : Do not apply when surface temperature is less than 3°C above the dew point. **KANSAI PLC 255 HT** can be applied using conventional or airless spraying equipment. Spray in parallel passes and overlaps 50% with each pass of the gun. Excessive dry film thickness may affect the product performance.

DRYING : The paint film will touch dry in 1 hour but the drying time will be lengthened by excessive thickness. To ensure proper drying, always apply coating at recommended thickness. Film will remain soft until exposed to temperature in excess of 150°C whereupon it will develop a hard film.

CLEANING : Clean all application tools with **KANSAI PLC Cleaner #72** immediately after use.

