

Technical Data Sheet



Product Name: Heat Resistant Coating

Product Number: IP7800 Range

Product Description: Single pack silicone alkyd coating formulated to give high temperature resistance compared with typical air drying paints. Exhibit fast air drying properties.

Typically used on components requiring temperature resistance, to include exhaust systems, hot oil piping, aircraft engines.

Approvals/Specifications: Meets the performance requirements of MIL-C-13370
Alternative to Pyrosil 7G800

Performance: Heat resistant up to 300°C (572°F), with good chemical resistance and corrosion resistance. Suitable for use on both degreased and grit blasted steel and aluminium. Fast air drying; can also be force cured as required.

Components: Single Part Product.

Application:

Surface Preparation: Ensure that all surfaces are clean and free from dirt

Paint Preparation: Shot / grit blast to SA 2-2½. Remove dust / dirt residues

Thinner / Reducer Addition: 10-15% addition of IP7800-Reducer

Application Method: Apply by spray. It is recommended that latest generation compliant spray guns are used. Follow gun manufacturer's recommendations of atomising pressure etc. Apply mist coat followed by cross coat to achieve a typical dry film thickness of 30-40 microns.

Drying Curing:

Air Dry:

- *Touch Dry:* 30 minutes
- *Hard Dry:* 4-5 hours: allow 24 hours before using coated Product

Force Cure:

Flash off 30 minutes, then cure for 1 hour @ 100°C (212°F)

Technical Properties:

Supply Viscosity:	65±2 secs / ISO4 cup / 23±2°C
Flash Point:	30°C
VOC Content:	630gms / litre
Colour:	IP7800-9003 – Matt Black IP7800-Clear – Clear Other colours may be available
Pack Size:	1 Litre
Density:	0.972 ± 0.05kg/l
Gloss:	Matt: Colours Gloss: Clear
Thinner:	IP7800-Reducer
Solvent/Clean Up:	IP7800-Reducer or 40006
Catalyst:	N / A
Theoretical Coverage:	6.8-9.1m ² / Litre @ 30-40 microns dry film thickness

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

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