

Technical Data Sheet



Product Name: A/D Heat Resist Ipcote 350 T/Up

Product Number: IP46-LR2420

Product Description: High temperature one part silicone coating that will air dry to a handleable finish and withstand operating temperatures of up to 600°C after baking. The coating is designed as a touch up for Burnished IP9183-R1 Ipcoat. The coating provides an equivalent bright Aluminium finish to the IP9183 and forms a protective coating. Designed for use on used on gas turbine rotating parts and static applications, e.g. jet pipes.

Approvals/Specifications: Meets the performance requirements of Mil-C-13370

Performance: Tack free physical air drying after approximately 30 minutes.
Over coating time approximately 1 hour. Maximum resistance to solvents after 24 - 48 hours.
Optimum properties achieved after the coating has been run for 2 - 4 hours at temperatures of above 180°C.

Components: Single Component Product. To be used with Thinner 665-550-025 or IP985-Reducer

Application:

Surface Preparation: Ensure that surfaces are clean and free from dirt. All previously coated surfaces should be assessed to ensure that only coatings with performance comparable to the IP46 coating are present.

Paint Preparation:

Stir well before use. All separated material must be re-incorporated into the bulk product. No time limits are specified for the mixing operation. The operator must be satisfied that the product including any thinning solvent is thoroughly mixed before use. Where mechanical mixing is employed care must be taken to not heat the product to above the maximum storage temperature. Mixing in open containers should be limited to <15 minute periods to ensure that solvent evaporation does not compromise the product. Shaking or rolling in closed containers is an acceptable mixing method for small volume products supplied ready for use.

Application Method:

Spray application, wet on wet coats to give film weights of 52-85g per square meter.

Indestructible method IPAS 15

Rolls Royce parts apply for RPS 661/15 for full process specs.

Drying Curing:

Air dries to a handleable finish after 30 minutes drying at room temperature (18 – 23° C), Stove after 30 minutes flash off for 2 hours at 185-195°C (365-385°F) for full properties.

Technical Properties:

Supply Viscosity:	Ready for Use
Flash Point:	25°C
VOC Content:	510 g/lit mixed
Colour:	Aluminium
Pack Size:	500 ml
Density:	1.08 g/ml
Gloss:	Semi-polished aluminium
Thinner:	665-550-025 or IP985-Reducer
Solvent/Clean Up:	40006
Catalyst:	N/A
Theoretical Coverage:	16 sq. m/lit @ 25 micron

Storage:

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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