

Technical Data Sheet



Product Name: Intumescent Ceramic Coating

Product Number: IP-1265

Product Description: Ceramic intumescent coating developed for the demands of the aerospace industry. The coating is designed to incorporate intumescent and thermal barrier properties.

Approvals/Specifications: TBC

Performance: IP-1265 is designed as a thermal protection layer for metallic and non-metallic substrates. Under test conditions this coating withstands the direct application of a flame producing a temperature of up to 1100°C for a period of up to 15 minutes.

Components:

Product:	IP-1265
Catalyst:	IP-1265-CAT
Thinner:	IP3-Reducer

Application:

Surface Preparation: All surfaces must be clean, grease and dust free.

Paint Preparation: Mixing Ratio: 8:1 with Catalyst IP1265-CAT

Application Method: Apply by spray; thin as required with thinner IP3-REDUCER
Apply two coats wet on wet per coat application to give an approximate dry film thickness of 150-200 microns

Drying Curing: Allow to dry 16-24 hours before applying next process of two coats wet on wet. Continue to build the coating in this manner until required film thickness is achieved

Cold Cure: Touch dry 3-4 hours; dry for overcoating: 16-24 hours

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Technical Properties:

Supply Viscosity:	100cps/spindle 4/100rpm/23°C
Flash Point:	≥22°C & ≤32°C
VOC Content:	N/A
Colour:	Single Colour - off white
Pack Size:	5 ltr
Density:	1.26kg/l
Gloss:	Matt Finish Intermediate Coat
Thinner:	IP3-Reducer
Solvent/Clean Up:	40006 gun cleaner
Catalyst:	IP-1265-CAT
Theoretical Coverage:	2-3 sq m per coat

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

Disclaimer:

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Safety Data Sheets:

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