

Product Name

ALUMINIUM FILLED POLYIMIDE COATING

Product Description

Highly resistant aluminium loaded polyimide stoving enamel with good heat, marine environment, corrosion and aircraft fluid resistance. It is suitable for operating temperature of up to 300°C (570°F).

Approvals

MSRR 9134 Was originally approved to AFS 1566
NATO STOCK NO 99 1925127
IP9134/R1 (Alternative to PL165) Used in conjunction with PL163 - [for example coating magnesium on the inside of the European Fighter Aircraft gearbox at temperatures up to 300°C (570°F)]

Performance

IP9134/R1 is tested on magnesium, aluminium and steel to the following minimum specification. Actual performance is far in excess of the following:

Heat resistance	100 hours at 300°C
Salt water fog	100 hours ASTM.B117
Skydrol	3 hours at 70°C (160°F)
Heat/salt water fog	250°C (480°F) / humidity / salt water fog - 10 cycles
Hydraulic fluid	100 hours at 150°C (300°F)

Application

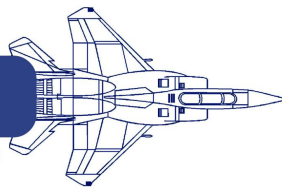
Degrease, abrasive blast and pretreat as per individual specification. Heat the object to between 120 and 150°C immediately prior to painting. Spray one coat on to a heated object, when the object temperature reaches 60°C return it to the oven and reheat. The coating shall then be stoved by heating the component to 150±5°C for 30 minutes. Apply second coat following the procedure as for the first coat. Repeat the operation until the required film thickness is achieved, flash off for 20 minutes, then stove at 185-195°C for 2 hours.

Physical Properties

Mixing Ratio	Ready for Use
Thinner	S-30
Supply Viscosity	35-45 seconds B4 cup
Colour	Dull Aluminium
Gloss Level	Semi Gloss
Film Thickness	12 Microns Per Coat

Indestructible

specialist coatings manufacture



Flash Point / Class / UN No
Pack Size
Shelf Life

Over 65°C / Not hazardous for transport
5 Litres
12 Months



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