MICA IMPREGNATED INSULATING COATING

IP CODE NUMBER: LR 1580(PL 95-R1)

PRODUCT DESCRIPTION

Insulating coating for application to aero engine components. Excellent resistance to heat, corrosion, lubricants, coolants and fuels. The cured coating can be machined to produce accurate dimensions on working surface.
Evaluated by Rolls Royce as having thermal conductivity of 2.2 x 10^{-1} watts / metre /^{o}C in 1972

APPROVALS / REFERENCES / SPECS

MSRR 9054; RR Code 139007; (4862 C 8095) (E3745)

PERFORMANCE

LR 1580(PL95-R1) has been tested to the following: (tests show a minimum specification and are exceeded by actual performance)

Dry heat resistance at 500ºC (930ºF)	100 Hours
Ester Lubricant resistance at 150ºC (300ºF)	100 Hours
Skydrol resistance at 70ºC (160ºF)	3 Hours
at room temperature	100 Hours
Salt water fog resistance	100 Hours

APPLICATION

Apply with conventional spray. LR 1580(PL95-R1) has been formulated to allow easier build up of film thicknesses to 500 microns plus.

For full system application instructions, please refer to separate process data sheet

Cure between coats as described in process data sheet

PHYSICAL PROPERTIES

Mixing Ratio	One Part Product
Thinner	IP9151
Supply Viscosity	Thixotropic
Colour	Slate Grey
Gloss Level	Semi Matt
Film Thickness	Typically 500 micron DFT
Flash Point / Class / UN No	44ºC (110ºF) / 3 / Paint UN1263
Pack Size	1 & 5 litre containers
Shelf Life	12 months

Quality paints and lacquers manufactured by: Indestructible Paint Ltd
19-25 Pentos Drive, Sparkhill, Birmingham B11 3TA. Tel:0121 702 2485; Fax 0121 778 4338