

ROCKHARD CLEAR STOVING ENAMEL & MICROPOROUS CASTING SEALER

IP CODE NUMBER: IP9167

PRODUCT DESCRIPTION

Rockhard clear stoving enamel is one of the best protective coatings for metals, particularly Aluminium and Magnesium and as such is recommended by Magnesium Elektron, the leading suppliers of Magnesium in the UK.

Used where maximum protection is needed on Aluminium, Steel, Titanium and Magnesium, for protection against marine and other harsh environments is needed.

Specifically formulated to give optimum product performance this product is crystal clear, low odour and high flash making it ideal for dip tanks as well as spraying.

This product has also been found to be resistant not only to re-chromating, but also to re-heavy HAE anodising. This is useful for post machining on magnesium for maximum protection. Approved most recently, in February 1995 by Lucas Western for use on the BRR 710 gearbox, this product is causing interest as it is resistant to heavy re-anodising, which means that whole castings can be machined and re-coated with Rockhard. In addition, it is also found that a variant can be processed to temperatures as low as 125°C (255°F) which means that it can be re-coated after steel inserts have been inserted into magnesium castings.

APPROVALS / REFERENCES / SPECS

Honeywell Allied Signal also Textron) SPM 70-80-01, also P6494 3.3.2.1, DTD 5562; SL3057 9111-C-8000; De Havilland DH177/1 Previous reference 444 - 20 (19)
Also cross references as 985 – 111- 800.

PERFORMANCE

Tested to DTD 5562 which includes: 6 months intermittent salt spray (DEF 1053 method 36), resistance to humidity, Trichloroethylene and re-chromating.

APPLICATION

Many different application specifications have been drawn up by users and advice is available from our technical department for various methods including dip and spray.

PHYSICAL PROPERTIES

Mixing Ratio	One Part Product
Thinner	665-550-025
Supply Viscosity	28 - 30 B3 Cup at 20°C
Colour	Golden Yellow
Gloss Level	Full Gloss
Film Thickness	Approximately 10 microns per coat
Flash Point / Class / UN No	24°C / 3 / Paint UN1263
Pack Size	1, 5 and 25 litre UN approved containers
Shelf Life	12 months