



NEW DECEMBER 2002 EROSION AND HEAT RESISTANT COATING

IP CODE NUMBER: IP9188/R1, (IP9188R1/ 693 Grey & IP9188R1 Blue)

PRODUCT DESCRIPTION

Latest generation of product developed with the environment in mind. Xylene and toluene free in accordance with our own ISO 14000, and in line with CPW 625

Erosion resistant stoving coating, resistant to heat, corrosion and aircraft fluids. Suitable for use on steel and aluminium components with a continuous running temperature of less than 280°C (535°F).

For use on engine components operating up to 250°C. This material is now only normally made in white as a standard product, although it can be made to BS381C-693 (Rolls Royce Grey) and BS381C-175 (Blue), and others including BS 381c - 631

Current uses include the impellers in gas compressors pumping North Sea gas from offshore platforms. Resistant to hydrogen sulphide and carbon dioxide; used to protect rough casting against corrosion and crusting.

APPROVALS / REFERENCES / SPECS

MSRR9188 OMAT 7/5D (Alternative to SE164; PL205; and 3862-X-0000) Similar to DTD 900/6002 MTU – MTS

PERFORMANCE

Tested to the following minimum specification, actual performance is, of course, in excess of this.

100 Hours dry heat at 300°C (575°F)

100 Hours ester lubricant resistance at 150°C (300°F)

3 Hours Skydrol resistance at 70°C (160°F)

100 hours engine fuel at 150°C (300°F)

APPLICATION

Spray one coat and flash off for 20 minutes, apply second coat and flash off for 30 minutes. Stove for 2 hours at 185-195°C (365-385°F). Repeat process if greater film thickness is required.

May be applied by brush over small areas.

PHYSICAL PROPERTIES

Mixing Ratio	One part product
Thinner	665-555-027
Supply Viscosity	50 – 60 seconds ISO 4 cup ; 30-35 seconds B4 Cup
Colour	Off White: ex-stock; Blue and Grey 693: special order
Gloss Level	Semi Gloss
Film Thickness	25 Microns Per Coat
Flash Point / Class / UN No	44°C / Class 3 / Paint UN1263
Pack Size	1 & 5 litre containers
Shelf Life	12 months