

HIGH HEAT RESISTANT LEAD FREE STOVING ALUMINIUM



IP Code No - IP9029 and IP9029 R1

OMAT No - 7/1A

Product Description -

A few PL products are dual sourced, but there are many instances where Indestructible Paint company's technical development has provided improved alternatives. IP9029 is one example. As a replacement for PL101, a higher heat resistant stoving enamel than PL101, and IP9139, with heat resistance increased from 500 to 650°C, it also has superior thick film forming properties at up to 6 thou (150 microns).

IP9029 and IP9029R1 are interchangeable, the source of aluminium being the only difference.

It has been warmly welcomed in America as being superior to the US spec TT-P-28 for corrosion resistance and resistance to Skydrol and gear fluid.

Approvals/References/Specs -

MSRR 9029, CPW Pending, PWA Pending , Alternative to AFS 977
IP9029, OMAT 7/1A, Alternative to PL101C2, E3746, 4863-A-8000 Supersedes IP9139
Allied Signal / Textron, Alternative to Glyptal number 86009-P6430 & SSP501/502
Allison EMS 26710
Significantly superior to TT-P-28 but does not air dry.

Performance -

This material significantly exceeds the performance test for MSRR 9029, Textron, and TT-P-28 tests on steel include:

- 100 Hours at 650°C (1200°F) dry heat
- 100 Hours at 150°C (300°F) in Ester lubricants
- 3 Hours at 70°C (160°F) in Skydrol
- 100 Hours continuous salt spray
- 10 Cycles 220°C (430°F) 4 hours - 20 hours salt spray cabinet BSTM.B117

Application -

Spray application, wet on wet coats to give film weight of 52-85g per square metre. Stove after 30 minutes flash off for 2 hours at 185-195°C (365-385°F). Apply for RPS 661/15 for full process spec.

Physical Properties -

Mixing Ratio	One part product
Thinner	25 - 32 Seconds B4 cup at 20°C
Colour	Aluminium
Gloss Level	Semi matt
Film Thickness	Ay least 6 thou

Flash Point/Class/UN No	41°C / 3 / Paint UN1263
Pack Size	1 & 5 litre UN approved cans
Shelf Life	12 months
Health & Safety	Before use, refer to or request product Safety Data Sheet



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