



Product Name

SKYDROL RESISTING STOVING SYSTEM

Product Description

Stoving, spray applied system comprising of a primer and topcoat. Used over IP9140, IP9149 or IP9155 as a Magnesium protective system to 220°C (430°F).

Approvals

Was released to MSRR9032 which has now been cancelled by Rolls Royce.
Use MSRR 9226 – 700-155-003, Omat 7/98A and 985-000-693, Omat 7/99A ; Use thinners Omat 7/150 665-550-025
Primer - IP9165 - Was Omat 730A, alternative to P13114, 1824-P-6140, PP478) - RR Code 139101
Top coat - IP9166 – Was Omat 784A (Alternative to E3696/693, 4577-D-6930, SE159/693) - RR Code 137545

Performance

Was originally Tested to MSRR9032 which included:
100 Hours dry heat resistance at 220°C (430°F)
3 Hours at 70°C (160°F) resistance to Skydrol
100 Hours resistance to salt water fog
100 Hours resistance to lubricating oil
10 Cycles of 4 hours at 220°C (430°F), followed by 20 hours continuous salt spray

All of the above tests on aluminium, magnesium and steel.

Application

On Magnesium use primer coat of IP9140, IP9149 or IP9155. Spray one coat of primer (IP9165), flash off for 15 - 20 minutes and stove for 30 minutes at 145-155°C (290-310°F). After cooling, spray one coat of IP9166 grey top coat and flash off for 3 minutes, then apply a second coat. After 20 minutes stove for 30 minutes at 145-155°C (290-310°F). After cooling, apply 2 further top coats as above. Final flashing off, stove for 2 hours at 185-195°C (365-385°F). Apply for RPS 661/3.

Physical Properties

Mixing Ratio	One Part Products
Thinner	IP9151
Supply Viscosity	60-70 seconds B4 Cup
Colour	Aircraft Grey (IP9166)
Gloss Level	Semi-Gloss
Film Thickness	85-90 microns (complete system)
Flash Point / Class / UN No	24°C / Class 3 / Paint UN1263
Pack Size	5 litre containers
Shelf Life	12 months

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