

TWO PACK EPOXY CHROMATE PRIMER TO DTD 5555

IP CODE NUMBER: IP9168A&B

PRODUCT DESCRIPTION

Chemically cured, high grade, strontium chromate epoxy primer with exceptional adhesion to correctly prepared substrates, particularly magnesium. It has excellent leaching properties and a superior level of protection against all forms of corrosion, including filiform corrosion. Resistance to organic solvents and aircraft operating fluids.

Principally used as the primer for our IP9064 2 Part epoxy range but can be used on other polyurethane, epoxy and acrylic finishing schemes. Alternative to PR143 system.

APPROVALS / REFERENCES / SPECS

IP9168A (Base) IP9168B (Catalyst) MSRR 9064 BSX 33 Type A & DTD 5555A
DTD 5567/5580/5599/5618 & 900/4919 Meets requirements of MIL-P-23377
Allied Signal/Textron approved.

PERFORMANCE

This material meets the requirements of BSX 33, which includes 1 mm cross hatch adhesion, water resistance, scratch resistance, flexibility (BS3900 Part E4) and resistance to Tri-n-Butyl Phosphate (main ingredient in Skydrol aviation hydraulic oil).

It is particularly good on magnesium, and gives at least 500 hours salt spray resistance (ASTM B117) on its own.

APPLICATION

Apply by conventional or airless spray. Prior to application the substrate should be thoroughly clean and pretreated (Etch primed / Shot blasted / Alocrome 1200). The primer, once mixed should be allowed to stand for 30 minutes prior to use. Always re-stir mixed material after standing.

PHYSICAL PROPERTIES

Mixing Ratio	4:1
Thinner	IP9064/Thin
Supply Viscosity	Ready for use
Colour	Yellow / Green
Gloss Level	Semi matt
Film Thickness	20 microns per coat
Flash Point / Class / UN No	4°C / Class 3 / UN 1263
Pack Size	4 Litres
Shelf Life	12 months