

Product Name: 2 pack Epoxy Chrome Free Anti-Corrosive Primer

Product Number: CFIP90PR

Product Description: Latest generation chrome free epoxy primer formulated on recently available chrome free anti-corrosive pigments. Shows significant improvement on corrosion resistance compared with previous widely available chrome free primers. Has excellent application properties; can be applied as a "thin film" coating with film thickness lower than 20µ readily achievable.

EU REACH Status This coating does not contain any chemicals currently listed in annex XIV or as a SVHC

Approvals/Specifications: CFIP90PR has been tested against the performance requirements of multiple aerospace specifications, to include BSX33; MSRR 9064; MIL-PRF-23377 type N, with satisfactory performance recorded.

Awaiting final client approval to a number of relevant specifications

Performance: **Neutral Salt Spray to ASTM: B117** – 3000 hours scribed on 2024-T3 aluminium alloy. 4000 hours unscribed
Dry Heat: 48 hours @ 240°C (400°F); 100 hours @ 180°C (356°F)
Hot Oil: 8 hours @ 176°C (350°F) in ASTM Fluid 101 (ASTM D471)
Fuel: 4 hours @ room temp in ASTM "fuel B"
Skydrol: 336 hours @ 70°C (158°F) in Tri-n-butyl phosphate

Components: 2 component product
Base component: CFIP90PR
Catalyst: CFIP90CAT
Can be thinned as required with up to 5% addition IP9064-Thin

Application:

Surface Preparation: Prior to application the substrate should be thoroughly clean and pre-treated (Etch primed / Shot blasted / Alocrom 1200).

Paint Preparation: Mix 4:1 with CF 90 CAT
The primer, once mixed should be allowed to stand for 30 minutes prior to use. Always re-stir mixed material after standing.
Ready for use, but can be thinned with 5-10% IP9064-Thin if required.

Application Method:

Apply by conventional or airless spray. Touch up areas may be brushed.

Drying Curing:

May be air dried at room temperature or above.

Force drying between coats may be adopted using temperatures between 80 – 125°C for 30-45 minutes.

Technical Properties:

Supply Viscosity:	38 seconds – ISO 5 cup - 23±0.5°C
Flash Point:	24°C
VOC Content:	526 grams per litre
Colour:	Currently available as grey or blue
Pack Size:	4 litre
Density:	1.278 kg/litre
Gloss:	Matt - primer
Thinner:	IP9064-Thin
Solvent/Clean Up:	IP9064-Thin or 40006 gunwash
Catalyst:	CF 90 CAT
Theoretical Coverage:	12-14 square metres per litre

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

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Technical Data Sheet



Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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