

Technical Data Sheet



IP3-6971

Edition July 2022 Revision 1

Product Name

Two Component Light Admiralty Grey Semi-Gloss Low VOC

Product Description

Two component low VOC epoxy to BS381C Light Admiralty Grey. Semi-gloss for use where stoving is not possible or desirable. It can be used on a wide variety of substrates including metals, wood, asbestos, many synthetic rubbers and plastics.

Approvals and Specifications

Complies with various aerospace specs
Turbomeca Spec LB568
MSRR 9064
DEF Stan 80-161

Performance Properties

After 7 days air curing, or force cure 30 minutes at 125°C will pass;
Heat resistance 48 hours at 400°F; (204°C)
Heat resistance 100 hours at 180°C
Hot oil: 8 hours in ASTM Fluid 101 (ASTM D 471) at 350°F (176°C) show no peeling or softening
Fuel resistance ASTM ref Fuel B 4 hours at room temperature without peeling or softening
1000 hours hot salt spray to ASTM B-117 scribed to metal
Resistant to 10 cycles 4 hours at 150°C (300°F) 20 hours in salt water fog as part of system
Resistant to temperatures of down to at least -40°C

Components

2 Component Material 9:2 PBV with IP3-CAT-S
IP3-6971: Base
IP3-CAT-S: Catalyst
IP3-REDUCER: Thinner if required

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Application

Refer to IPAS for full detailed instructions.

Surface Preparation	Text Lightly abrade areas around the repair area to provide adhesion. Ensure surfaces to be coated are clean and free from dust/dirt.
Paint Preparation	Mix 9 parts by volume base component IP3-6971 with 2 parts by volume catalyst IP3-CAT-S and stir well. Allow 15 minutes induction time, then re-stir before use.
Mixing Ratio	9:2 Parts by Volume 3:1 Parts by Weight
Application Method	Apply by spray, or for small areas by brush. When spray applied, thin material with up to 10% thinner IP3-REDUCER.
Drying and Curing	Air Dry: Touch Dry: 3-4 hours; Hard Dry: 16-24 hours Force Cure: Flash off 20-30 minutes; Cure: 20-45 minutes @ 125-90oC

Liquid Technical Properties**

Supply Viscosity	1200-1600 cP
Flash Point	27°C Closed Cup
Density	1.48 grams/cc – Base
VOC Content	252 grams/litre - Mixed
Colour	BS381C Light Admiralty Grey
Gloss	Semi-Gloss
Thinner	IP3-REDUCER
Solvent/Clean Up	IP3-REDUCER or 40006 Gun Wash
Theoretical Coverage	19m ² at 40 microns
Pack Size	5 Litre Container
Pot Life	4 Hours when mixed

** - The values referenced are obtained from Batch testing using controlled Quality techniques.

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

*** - Indestructible Paint decline any responsibility deriving from improper storage of Product and its Catalyst.

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Contact

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