
Product Name: Rockhard Stoving Gloss Grey DTD56D. ABP 4-2

Product Number: 690-152-004

Product Description: Rockhard Stoving Gloss Grey has been developed to meet the latest requirements of the aerospace industry and multiple customer specifications. The coating is designed for use primarily on aero-engine, heat exchanger and helicopter gearbox components on a variety of substrates including magnesium / aluminium / steel and titanium. The cured coating is a tough durable weather resistant finish that will withstand many harsh environments and chemical resistance requirements.

Uses include BAE 146 wing sections, air to air missiles, aircraft undercarriage legs, Turbomeca aluminium LP1, 2 blades on Adour and RTM332 engines.

Approvals/Specifications:

- DTD 56D
- British Aerospace S26-3506
- Meets MSRR 9226
- Previously 444/480 or 408 to BAE P3506
- GE Engine Spec A 8B 89A 1
- ABP4-2131

Performance: Meets the requirements of multiple specifications to include:

- Salt Spray: 1,000 hours to ASTM-B117
- High Temperature: 1,000 hours @ 220°C
- Low Temperature Resistance: 24 hours @ -50°C
- Hydraulic Fluid (Skydrol) Resistance: 168 hours @ 70°C followed by 1,500 grams scratch
- Aerospace Fuel Resistance: 48 hours @ 40±2°C

Components: Single Pack Product. May be thinned for application using 665-550-025

Application:

Surface Preparation: Substrate must be clean, dry and grease free. Bare metal adhesion is improved through abrasion or grit blasting. To be applied over 700-155-003 chromate or IP985-6500 Rockhard non-chromate primers.

Paint Preparation: Single pack range of products – may be applied at supply viscosity. Thinning with up to 20% IP-Reducer may be required upon application.

Application Method: Apply by spray; conventional or HVLP. For full details, refer to Indestructible Application Guide IPAS-21.

Drying Curing: **Air Dry:** 15 minutes
Part Bake between coats: 150±10°C for 30-60 minutes
Full Cure (standard): 190±5°C for 60-90 minutes

Care must be taken to comply with end user requirements where customer approval to an alternative baking schedule has been agreed.

Technical Properties:

Supply Viscosity:	Clear; 20-28 seconds ISO5 @ 23±2°C
Flash Point:	≥21-≤32°C
VOC Content:	577 g/litre
Colour:	Grey
Pack Size:	1 & 5 Litre
Density:	1.15 kg/litre
Gloss:	Gloss
Thinner:	665-550-025
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	N/A
Theoretical Coverage:	14.6 sq m/litre @ 25 micron

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

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Safety Data Sheets:

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