
Product Name: 700-155-005

Product Number: Please refer to the Product Range for full colour range

Product Description: Rockhard two pack epoxy matt black for use where baking is not possible or desirable. The coating can be used on a wide variety of substrates including metals, wood, asbestos, glass, many synthetic rubbers and plastics. 700-155-005 can be used as a touch up material to Rockhard Baking Matt Black coating (615-155-001). Although this is an air-curing product, the coating performance is equivalent to the baking coating for many applications. In order to enhance the early formation of chemical resistance, the coating can be force dried at 125°C (255°F) for 30 minutes

700-155-005 is part of a family of coatings that can be formulated in a variety of flat colours and different gloss levels. This coating family is resistant to abrasion, corrosion and most aircraft operating fluids and chemicals.

Approvals/Specifications: Tested for Compliance to the Performance Requirements of:

- Def Stan 80-161
- DTD 5555; 5567
- Meets the performance requirements of MIL-PRF- 22750
- Historical product code – 444/719, approved to AFS 998

Performance: Tested on Magnesium, Aluminum and Steel to the following minimum specification. Actual performance will be in excess of the following:

- Resistant to 100 hours in salt water fog
- Resistant to 168 hours in sea water immersion
- Resistant to 100 hours dry heat at 180°C
- Resistant to 1000 hours at 150°C in lubricating oil
- Resistant to 100 hours with engine fuel

- After 7 days air drying, resistant to Skydrol for 3 hours 70°C (160°F)
- Resistant to 10 cycles 4 hours at 150°C (300°F) 20 hours in salt water fog
- Resistant to temperatures of down to at least -40°C

Components:

- 700-155-003 (Part A)
- 656-450-002 (Part B)

665-550-025 (may be added as required up to 25% by volume)

Application:

Surface Preparation:

Ensure that all surfaces are clean and free from dirt.

Paint Preparation:

Pre-Treatment: Primer – pre-treat aluminium or steel surfaces with chromate or phosphate pre-treatment systems as specified. Finishes are normally applied over chromate or chrome free primer.

Mixing Instructions: Mix 4:1 parts by volume with Part-B 656-450-002

Thinner/Reducer Addition: 665-550-025

Application Method:

Apply by spray; Small areas can be applied by brush

Drying Curing:

Air Dry:

- *Touch Dry:* 2-3 hours
- *Hard Dry:* 16-24 hours

If you can flash off for 15 minutes and the force cure for 30 minutes at 115°C +/-, this would ensure Skydrol resistance.

Heat Cure:

- *Flash Off:* 20-30 minutes
 - *Cure:* 30 minutes @ 125°C
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Technical Data Sheet



Technical Properties:

Supply Viscosity:	70 – 100 seconds ISO5 @ 23+/- 2°C
Flash Point:	25°C
VOC Content:	490 g/l
Colour:	Black
Pack Size:	1 & 5 litre
Density:	1.2-1.3 kg/l
Gloss:	Matt
Thinner:	665-550-025
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	656-450-002
Theoretical Coverage:	10-12 sq m per litre

Storage:

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

Shelf Life: 12 months Temperate; 6 months Tropical

Before Use Please Refer to Product Safety Data Sheet

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Safety Data Sheets:

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