

---

**Product Name:****Rockhard 2 part epoxy Optical matt black**

---

---

**Product Number:****700-155-005**

---

---

**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:

- 700-155-005 (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

## Technical Properties:

### Supply Viscosity:

70 – 100 seconds ISO5 @ 23+/- 2°C

---

<b>Flash Point:</b>	25°C
<b>VOC Content:</b>	490 g/l
<b>Colour:</b>	Black
<b>Pack Size:</b>	1 & 5 litre
<b>Density:</b>	1.2-1.3 kg/l
<b>Gloss:</b>	Matt
<b>Thinner:</b>	665-550-025
<b>Solvent/Clean Up:</b>	40006 Gun Cleaner
<b>Catalyst:</b>	656-450-002
<b>Theoretical Coverage:</b>	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**

---

## Disclaimer:

The information printed in this publication is based upon the research and experience of Indestructible Paint Ltd. No representation of warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Indestructible Paint Ltd make no warranty or representation of any kind, express or implied. Including without information limitation any warranty or merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Indestructible Paint Ltd are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose in particular to the buyer is for the buyer to determine. Indestructible Paint Ltd assumes no responsibility for the selection of products suitable to the particular purpose of any particular buyer. Indestructible Paint Ltd shall in no event be liable for any special, incidental or consequential damages.

---

## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: [sales@indestructible.co.uk](mailto:sales@indestructible.co.uk)

---