

PRODUCT DATA SHEET

03/2026

Version 2.0

Product Name	Quick Air Drying Enamel Heat Resisting Silver	
Our Reference	2450 Line	
Coating Type	Heat resisting enamel pigmented with aluminium for application to bare steel. When steel to which paint has been applied reaches operating temperature (typically 400 C+) the resin is driven off leaving the aluminium as an inert barrier.	
Typical Uses	Suitable for exhaust manifolds and other high-heat applications.	
Colours	Silver	
Gloss Level	Semi-gloss	
Theoretical Spreading Rate	10 sq metres per litre at 20 microns dry film thickness (d.f.t.)	
Surface Preparation	Apply to bare steel. Surface must be rust and oil free. We recommend light mechanical abrasion	
Instructions For Use	<p>Stir the paint thoroughly before application.</p> <p>Apply the first coat of Bailey Paints Heat Resistant Silver evenly across the prepared surface.</p> <p>Apply the paint at the recommended coverage rate, which is typically around 10 square meters per litre, depending on the texture of the surface. Avoid over-applying the paint, as it may affect drying times and finish quality.</p> <p>Allow the painted surface to dry for a minimum of 2-3 hours before handling and using the painted surface. Paint does not reach full hardness until metal is heated to 400°C</p>	
Drying Time (20°C)	Touch Dry	20 minutes
	Dry to Handle	2-3 hours
	Recoat Time	Not required
	Full Hardness	After exposure to surface heat
Overcoating	One coat normally sufficient	
Application	Conventional Spray	In order to achieve optimum film thickness and gloss, use as supplied at a pressure of 40-60 psi. It may be necessary to thin the paint with BT1 thinner by up to 10% to achieve atomisation.
	Airless Spray	Not recommended
	Roller	Use as supplied
	Brush	Use as supplied for small areas only
Application Temperature	Substrate temperature must be at least 5°C and no more than 20°C (remember that substrates are often several degrees colder than the air temperature).	
Packaging	5 litres	
Thinner	BT1 thinners only	

VOC (Supplied)	670 grams/litre
Volume Solids	25%
Flashpoint	22°C
Shelf Life/Storage	24 months from date of manufacture in sealed containers. Store in a cool, dry place with temperatures between 5-30 °C and in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

The information in this data sheet and this product is intended for users who have the requisite knowledge and industrial skills. It is the end-user's responsibility to determine the suitability of the product for its intended use. Bailey Paints has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of this product. Bailey Paints does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet.