

PRODUCT DATA SHEET

03/2026

Version 2.0

Product Name	Vehicle & Machinery Enamel	
Our Reference	6000 Line	
Coating Type	Single pack polyurethane modified alkyd	
Typical Uses	Finishing coat for vehicles, plant, and machinery. Very durable with good oil resistance.	
Colours	Selected BS 381C, 4800, RAL & agricultural colours	
Gloss Level	Gloss	
Theoretical Spreading Rate	10 sq metres per litre at 40 microns dry film thickness (d.f.t.)	
Surface Preparation	Normally applied over a suitable primer. E.g. 4900/5900-line air drying primers (brushing or spraying). For non-ferrous metals please contact our technical department.	
Instructions For Use	<p>Stir the paint thoroughly before application.</p> <p>Apply the first coat of Bailey Paints Vehicle & Machinery Enamel 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>Apply a second coat of Vehicle & Machinery Enamel to ensure maximum durability. Follow the same application method as the first coat, taking care to cover any missed areas and ensure a uniform finish.</p> <p>Allow the painted surface to dry for a minimum of 4-6 hours before handling and using the painted surface. Avoid exposing the painted surface to water or heavy moisture for at least 24 hours after application to prevent discolouration or poor adhesion.</p>	
Drying Time (20°C)	Touch Dry	1-2 hours
	Dry to Handle	4-6 hours
	Recoat Time	Overnight
	Full Hardness	7-10 days
Overcoating	Normally after 16 hours. A number of factors, such as temperature, air movement, and dry film thickness can substantially alter the through dry/over coating time. We recommend that before recoating a large area, you should do a small test patch	
Application	Conventional Spray	Thin up to 20% with BT8 thinner. Tip size 1.4 – 2.0 mm. Atomising pressure 40 – 60 p.s.i.
	Airless Spray	Not Recommended
	Roller	Use as supplied.
	Brush	Use as supplied.
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	1 litre, 2.5 litres and 5 litres
Thinner	BT6 (brushing), BT8 (spraying)
VOC (Supplied)	500-550 grams/litre depending on colour
Volume Solids	40% (may vary with colour)
Flashpoint	32°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.