

PRODUCT DATA SHEET

03/2026

Version 2.0

Product Name	EPR Etch Primer	
Our Reference	4700 Line	
Coating Type	Single pack PVB	
Typical Uses	Very fast drying. Good adhesion to steel and non-ferrous metals. Also used as a blast/holding primer for steel and as a sealer for aluminium and zinc spray.	
Colours	Grey, white, black	
Gloss Level	Satin	
Theoretical Spreading Rate	12 sq metres per litre at 15 microns dry film thickness (d.f.t.)	
Surface Preparation	All surfaces must be dry and oil free. All surfaces must be dry and oil free. Steel must be shot blasted and thoroughly abraded to remove all rust and mill scale	
Instructions For Use	<p>Stir the paint thoroughly before application.</p> <p>Apply the first coat of Bailey Paints EPR Etch Primer evenly across the prepared surface.</p> <p>Apply the paint at the recommended coverage rate, which is typically around 12 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 2-4 hours before handling and using the painted surface. For areas subject to heavy machinery or equipment, wait at least 12 hours before use to ensure full curing. Avoid exposing the painted surface to water or heavy moisture for at least 12 hours after application to prevent discolouration or poor adhesion.</p>	
Drying Time (20°C)	Touch Dry	Under 10 minutes
	Dry to Handle	30 minutes
	Recoat Time	After 30 minutes
	Full Hardness	1 hour
Overcoating	4700 line primers once they are touch dry can normally be recoated at any time. There are however a number of factors, such as film thickness, air temperature, air movement etc that can substantially alter the through dry time so we recommend doing a small test patch before over coating a large area	
Application	Conventional Spray	40-60 psi. It may be necessary to thin up to 10% (BT3 thinner) in order to achieve atomisation
	Airless Spray	40-60 psi. Use as supplied
	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	BT3 (thinning), BT2 (cleaning)
VOC (Supplied)	650-700 grams/litre depending on colour
Volume Solids	17-20%
Flashpoint	21°C
Shelf Life/Storage	12 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.