

PRODUCT DATA SHEET

03/2026

Version 2.0

Product Name	Quick Air Drying HB Zinc Phosphate Primer	
Our Reference	4910 Line	
Coating Type	Modified alkyd high build fast drying anti corrosive primer for steel. Contains zinc phosphate corrosion-inhibiting pigment.	
Typical Uses	Ideal for use on new or previously painted mild steel surfaces, such as containers, skips, and beams.	
Colours	Red oxide, grey	
Gloss Level	Matt	
Theoretical Spreading Rate	5.5 sq metres per litre at 75 microns dry film thickness (d.f.t.)	
Surface Preparation	Steel	Blast cleaned to ISO SA 2 ½
	Steel Without Mill Scale	Power-tool cleaned to minimum ISO- St 2
Instructions For Use	<p>Stir the paint thoroughly before application.</p> <p>Apply the first coat of Bailey Paints Quick Air Drying HB Zinc Phosphate Primer evenly across the prepared surface.</p> <p>Apply the paint at the recommended coverage rate, which is typically around 5.5 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	30 minutes
	Dry to Handle	1 hour
	Recoat Time	30 minutes
	Full Hardness	Up to 7 days
Overcoating	4910 line primers can normally be recoated at any time after they are touch dry. However recoating times will vary according to ambient temperature, film thickness and relative humidity. We therefore recommend you always do a small test patch before over-coating.	
Application	Conventional Spray	Thin up to 20% with BT1 thinner. Tip size 1.4 - 2.0mm, atomizing pressure 40 – 60psi
	Airless Spray	Thin up to 5% with BT1 thinner. Tip size 0.38 – 0.48mm, atomizing pressure 2000 psi.
	Roller	Use as supplied
	Brush	Use as supplied for small areas only

Application Temperature	Substrate temperature must be at least 10°C and no more than 30°C (remember that substrates are often several degrees colder than the air temperature).
Packaging	5 litres and 20 litres
Thinner	BT1 (thinning), BT2 (cleaning)
VOC (Supplied)	510 grams/litre
Volume Solids	40%
Flashpoint	23°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.