

PRODUCT DATA SHEET

03/2026
 Version 2.0

| | | |
|----------------------------|--|---|
| Product Name | Air Drying Enamel 51 | |
| Our Reference | 5100 Line | |
| Coating Type | Long oil alkyd thinned with white spirit | |
| Typical Uses | Serves as both a primer finish on steel substrates and a topcoat on already primed metal. Suited for refurbishing machinery, painting skips, containers, and structural beams. | |
| Colours | Ral and British Standard 381C & 4800 | |
| Gloss Level | Semi-gloss | |
| Theoretical Spreading Rate | 10 sq metres per litre at 30 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), or over sound existing coatings. | |
| Instructions For Use | <p>Stir the paint thoroughly before application.</p> <p>Apply the first coat of Bailey Paints Air Drying Enamel 51 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 Air Drying Enamel 51 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 12 hours before handling and using the painted surface.</p> | |
| Drying Time (20°C) | Touch Dry | 2 hours |
| | Dry to Handle | 8 hours |
| | Recoat Time | 8 hours |
| | Full Hardness | 7 days |
| Overcoating | 5100 line enamel should be left for 8 hours before recoating. 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 | Use as supplied. If thinning is necessary, BT8 thinner can be used to quicken the touch dry time. |
| | 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 | BT8 (thinning), BT6 (cleaning) | |

| | |
|--------------------|---|
| VOC (Supplied) | 450-500 grams/litre depending on colour |
| Volume Solids | 44% |
| Flashpoint | 32°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.