



TECHNICAL DATA SHEET



BRIGHTO ALL PURPOSE SYNTHETIC ENAMEL

General Description	Brighto All Purpose Synthetic Enamel is a high quality solvent based super finish, suitable for use on all types of interior and exterior wood, metal and cemented surfaces. Brighto All Purpose Synthetic Enamel gives a smooth mirror like finish and has excellent durability. It is free from lead and heavy metals.	
Pack Size	0.91 Litre, 3.64 Litres, 14.56 Litres	
Colour Range	See Brighto All Purpose Synthetic Enamel shade card	
Film Properties Chemical Resistance	Resistant to mild chemical fume attack.	
Water Resistance	Resistant to the levels of atmospheric humidity present in normal environment. Not suitable for use on immersed surfaces.	
Composition (Nominal)	Pigment: Lightfast Pigments Binder: Alkyd Resin Solvent: Mineral Turpentine	
Volume Solids	White 47 ± 2% (nominal), other colors will vary	
Density	1.07 ± 0.03; Theoretical for white only	
Non-volatile Matter Content	61 ± 2; Theoretical	
Drying Times	Depends on temperature, humidity, air movements and film thickness	
Touch Dry	2 - 4 Hours	
Recoat	6 - 8 Hours	
Hard Dry	72 Hours	
Film Thickness/Coat	Wet: 50 - 75 Micrometers Dry: 23 - 35 Micrometers	
Theoretical Coverage	A guide to the theoretical coverage which can be achieved under normal conditions is 13 - 20 m ² /liter /coat.	
Application	Brush, Roller, Spray	
Thinner	Mineral Turpentine	
Thinning Brush or Roller	10 - 25%	
Conventional Spray	30 - 40 %	
Cleaning Up	Clean all equipment with mineral turpentine immediately after use.	
Surface Preparation	New, bare, old or previously painted surfaces must be clean, dry and free from wax, dust, rust and all unwanted material. Clean the surface by rubbing down with abrasive paper. Brush down previously painted surfaces and dust off. Use recommend application procedure for application. Stir thoroughly before use.	
Recommended Paint System		
For Metal Surfaces	Brighto Red Oxide Primer	1 - 2 Coat
	Brighto All Purpose Synthetic Enamel	2 - 3 Coats
For Wooden Surfaces	Brighto Under Coat	1 - 2 Coat
	Brighto All Purpose Synthetic Enamel	2 - 3 Coats
Flash Point	34°C	
Safety, Health and Environmental Information	Keep container tightly closed and upright to prevent leakage when not in use. Don't breathe in vapors and sanding dust. Cartridge mask should be worn when rubbing down. Provide adequate ventilation during application and drying. If you experience difficulty in breathing, move to fresh air. Don't permit smoking in the vicinity. Avoid contacts with eyes and skin. Wear gloves and goggles during application or sanding. In case of contact with eyes, flush with plenty of water and seek medical advice. To remove splashes from skin, use turpentine oil or recognized skin cleaner. Protect from extremes of temperatures. Store in a cool dry place but also protect from freezing. In case of fire, use foam, dry powder, CO ₂ fire extinguisher. Keep away from source of ignition. Close container tightly after each use. Keep out of reach of children. In case of accident, collect spillage using sand or clay and dispose of paint waste in accordance with appropriate environmental quality requirements.	

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