



# TECHNICAL DATA SHEET



## BRIGHTO PLASTIC EMULSION

<b>General Description</b>	<b>Brighto Plastic Emulsion</b> is a 100% acrylic based premium quality emulsion with a smooth and eggshell finish. It is suitable for all normal interior masonry surfaces including brickwork, Plaster, cement and wallboards etc.	
<b>Pack Size</b>	1 Litre, 4 Litres, 16 Litres	
<b>Colour Range</b>	See Brighto Plastic Emulsion shade card / All Color Fan Deck	
<b>Film Properties</b> <b>Water Resistance</b>	Will tolerate the levels of atmospheric humidity present in normal environment.	
<b>Composition (Nominal)</b>	Pigment: Lightfast Pigments Binder: Acrylic Copolymer Solvent: Water	
<b>Volume Solids</b>	White 38 ± 2% (nominal), other colors will vary	
<b>Density</b>	1.45 ± 0.03; Theoretical for white only	
<b>Non-volatile Matter Content</b>	58 ± 2; Theoretical	
<b>VOC Contents</b>	0.03 g/ L; ASTM D 3960	
<b>Scrub Resistance</b>	10,000	
<b>Film Thickness/Coat</b>	Wet: 75 - 100 Micrometers Dry: 28 - 38 Micrometers	
<b>Drying Times</b>	Depends on temperature, humidity, air movements and film thickness	
<b>Touch Dry</b>	2 - 3 Hours	
<b>Recoat</b>	6 - 8 Hours	
<b>Hard Dry</b>	72 Hours	
<b>Theoretical Coverage</b>	A guide to the theoretical coverage which can be achieved under normal conditions is 10 - 13.5 m <sup>2</sup> /liter /coat.	
<b>Application</b>	Brush, Roller, Spray	
<b>Thinner</b>	Water	
<b>Thinning</b> <b>Brush or Roller</b> <b>Conventional Spray</b>	10 - 25% 30 - 40%	
<b>Cleaning Up</b>	Clean all equipment with clean water immediately after use.	
<b>Surface Preparation</b>	New, bare, old or previously painted surfaces must be clean dry and free from dust or wax. Clean the surface by rubbing down with abrasive paper. Brush down previously painted surface completely and make the surface smooth. For large holes and crack, use plaster of paris or white cement. Allow to dry. Apply <b>Brighto Interior Primer</b> in order to seal the surface from water and salts. Rub down the surface with abrasive paper and dust off. Fill the surface with <b>Brighto Interior Filler</b> allow the filler to dry. Rub down the surface with abrasive paper and dust off. Now the surface will be smooth and ready for <b>Brighto Plastic Emulsion</b> to be applied. Stir the paint thoroughly before use.	
<b>Recommended Paint System</b>	Brighto Interior Primer	1 Coat
	Brighto Interior Filler	2 Coats
	Brighto Plastic Emulsion	2 - 3 Coats
<b>Safety, Health and Environmental Information</b>	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 soap and water 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, CO2 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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