

# DIAMOND PAINT MFG. CO. LTD.

## TECHNICAL DATA

### DIAMOND 100 ACRYLIC PREMIUM FLAT EMULSION PAINT

#### Description:

Diamond 100 is a 100% Acrylic Premium Flat Emulsion Paint. Its high fungus resistance makes it ideal for tropical climates. For **exterior or interior use**. Dries in fifteen (15) minutes without leaving strong chemical odours or toxic residuals. **Lead and Mercury Free**, suitable for use on **cement, bricks, cardboard, gypsum or non-treated wood**.

#### Physical Properties:

	<i>WT.</i>	<i>VOL.</i>
TOTAL VEHICLE	61.99%	82.55%
PIGMENT	38.01%	17.45%
VOLATILE	49.74%	68.04%
ORG. SOLVENT	2.31%	3.00%
NON-VOLATILE	50.26%	31.96%
NON VOL VECH.	12.25%	14.51%
DENSITY	11.43	
P.V.C.	54.59%	
SPREAD @ 1 ML.	513 F <sup>2</sup>	
COATING V.O.C.	90 G/L	
MAT. V.O.C.	32 G/L	

#### Product Preparation:

Shake can for a few minutes before opening, then mix to a uniform consistency.

#### Surface Preparation:

It is very important to remove all dust, grease, clay, flaking paint or any strange material before painting. On new cemented surfaces, it will be necessary to prime walls using not more than 250 ML. of clean water per 3.785 Litres of **Diamond 100** paint for thinning. Apply

second coat one hour after priming without thinning for best results. On chalky surfaces it will be necessary to remove all loose materials by scrubbing with a stiff brush or broom, and rinsing with clean water. Apply Diamond Surface Conditioner to dry surface to improve paint adhesion before painting with **Diamond 100 - 100% Acrylic Flat Emulsion Paint**.

#### Application Suggestion:

Use Nylon or Polyester brush. Use medium nap rollers for best results. If you wish to spray paint, you may add 500 ml. of clean water per 3.785 litres of paint.

#### Coverage:

Covers approximately 41.80 m<sup>2</sup> per 3.785 litres. This depends however on the porosity and texture of the surface.

#### Drying Time:

To touch, 15 minutes; to recoat 60 minutes. **NOTE:** (Ageing and external conditions beyond our control prohibits guaranteeing the exact match on the colour chart).

#### Notice:

Due to certain application conditions which are beyond the control of the manufacturer - Diamond Paint Manufacturing Co. Ltd., limits its liability to replacement of the product only.

#### Caution:

Do not take internally. Close container after use. Keep out of the reach of children. Do not refrigerate. **Lead and mercury free, non toxic, environmentally safe.**

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