TECHNICAL DATA SHEET

ACRYLIC PRIMER

DESCRIPTION

City Paints Acrylic Primer is an alkali-resistant exterior emulsion primer based on acrylic copolymer emulsion. It penetrates deeply into the substrate, providing excellent adhesion and strong protection against alkali attack. It is resistant to algae and fungus and suitable for priming both exterior and interior surfaces, including textured and Rockshield topcoats.

PRODUCT FEATURES

- Durable against harsh weather
- Non-toxic; free from lead, mercury, and heavy metals
- Spatter-resistant
- Easy touch-up
- Excellent flow and surface leveling
- Strong anti-alkali performance
- Excellent adhesion on masonry and timber
- Environmentally friendly
- Low VOC (**6 g/L**)

PRODUCT INFORMATION

Paint Type	Finish	Colour	Pack Size
Interior / Exterior	Matt	Wide range of decorative colours & special colours on request	USG & 18 Litres

Recommended Substrates: Concrete walls, gypsum, cement plaster, block work, rendered surfaces.

TECHNICAL DATA

- **Touch Dry:** 20–30 minutes (ASTM D1640)
- **Hard Dry:** 1–2 hours
- **Recoating Time:** 2–3 hours
- **Dry Film Thickness:** 25–35 µm per coat
- **Number of Coats:** 1
- **Coverage:** 9 m²/L (varies with substrate & method)
- **Volume Solids:** ~45% ±2% (ASTM D5201)
- **Shelf Life:** Up to 36 months (sealed, cool, dry storage)

APPLICATION METHOD

- **Brush / Roller / Spray**
- Dilution: Max **10% water** (best performance with minimal dilution)

RECOMMENDED COATING SYSTEM

Coat	Product	Coats
Sealer / Primer	City Paints Acrylic Primer	1
Topcoat	Acrylic Emulsion / Textured Paints / Rockshield	2

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SURFACE PREPARATION

- Remove loose paint, chalk, dust, and contaminants
- Repair cracks and uneven areas with City Paints All Purpose Joint Compound
- Sand smooth and clean thoroughly
- Ensure surface is dry, grease-free, moisture <16%, alkalinity <pH 9
- Spot prime with City Paints Exterior Sealer

CLEANING

Clean tools with **water** immediately after use.

SAFETY PRECAUTIONS

- Keep container tightly closed and away from children, food, and drink
- Ensure good ventilation
- Wear eye protection
- Rinse eyes with plenty of water if contact occurs
- Wash skin with soap and water
- Store in a cool place
- Transport upright
- Dispose of waste according to environmental regulations

NOTE

Theoretical coverage is calculated as:

$$\left[\frac{Volume\ Solid\ \%\ x\ 10}{Dry\ Film\ Thickness}\right] = m^2/lit/coat$$

Actual coverage varies due to substrate porosity, dilution, method, and film thickness.

DISCLAIMER

Information is based on laboratory tests and practical experience. As application conditions vary, City Paints guarantees only the product quality. Specifications may change without notice.

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