TECHNICAL DATA SHEET

ROCKSHIELD

DESCRIPTION

City Paints Rockshield is a premium pure acrylic emulsion formulated for extreme weather conditions. Using high-grade acrylic binders with superior UV resistance, it provides long-lasting colour retention and up to **7 years' protection** against fungus, algae, chalking, and flaking. Suitable for exterior walls and interior high-exposure areas such as basements and car parks.

FEATURES & BENEFITS

- Non-toxic; free from lead, mercury, and heavy metals
- Excellent stain washability
- Strong resistance to dirt, fungus, algae, flaking, and efflorescence
- Peel, fade, chalk, and crack resistance
- Superior UV protection for long-lasting colours
- Smooth flow to reduce minor surface imperfections
- Excellent coverage and hiding power
- Strong adhesion on masonry and timber
- Environmentally friendly
- **VOC:** 16 g/L (theoretical value)

PRODUCT INFORMATION

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

Recommended Substrates: Concrete walls, gypsum partitions, false ceilings, GRC panels, timber boards, glass-fibre boards, plaster, masonry, brickwork.

TECHNICAL DATA

- **Touch Dry:** 30–60 minutes @ 23°C, 50% RH
- **Hard Dry:** 6–8 hours
- **Recoating Time:** 2–3 hours
- **Dry Film Thickness:** ~70 µm per coat
- **Number of Coats:** 2
- **Coverage:** 10–13 m²/L or 0.75–1.3 m²/kg per coat
- **Volume Solids:** ~53% ±2%
- **Shelf Life:** Up to 36 months (sealed container)

APPLICATION METHOD

- **Brush / Roller**
- Dilution: Max **5% water** (best performance without dilution)

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841

25-March-2025
TDS0054

TECHNICAL DATA SHEET

ROCKSHIELD

RECOMMENDED COATING SYSTEM

Coat	Product	Coats
Sealer / Primer	City Paints Penetrating Sealer / Acrylic Primer	2
Topcoat	City Paints Rockshield	2

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

SAFETY PRECAUTIONS

- Keep container tightly closed and away from children, food, and drink
- Ensure good ventilation during application and drying
- 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

CLEANING

Clean tools with water immediately after use.

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 product quality. Specifications may change without notice.

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841