TECHNICAL DATA SHEET

JOINT FLEX SEALER (SILANE BASED)

DESCRIPTION

City Paints Joint Flex Sealer is a deep-penetrating, ultra-low VOC silane–siloxane sealer designed for porous concrete, masonry, terracotta, sandstone, GRC, and mineral plasters. It provides excellent water, oil, and stain resistance while maintaining breathability. The coating forms a durable hydrophobic barrier, prevents dust adhesion, and improves scratch resistance. Suitable for both new and existing buildings.

PRODUCT FEATURES

- Deep penetration
- Does not alter surface colour or texture
- Rapid water repellency development
- Durable beading effect
- Tack-free drying
- Excellent adhesion for paints
- Water-based and environmentally compatible
- Suitable as primer, hydrophobic impregnation, and stain-resistant topcoat

PRODUCT INFORMATION

Paint Type	Appearance	Colour	Pack Size
Interior & Exterior	Transparent	Clear	18 Litres

Recommended Applications: Porous concrete, masonry, terracotta, bricks, sand-lime brick, sandstone, GRC, mineral plasters. (Not suitable for dense natural stones such as limestone.)

TECHNICAL DATA

- **Touch Dry:** 1–2 hours
- **Hard Dry:** 4–6 hours
- **Recoating Time:** 1–2 hours
- **Number of Coats:** 2
- **Coverage:** 6–10 m^2/L per coat (varies with substrate & method)
- **Density:** 1.35 g/cm^3
- **Shelf Life:** 6 months (sealed, cool, dry, ventilated storage)

APPLICATION METHOD

- **Brush / Roller / Spray**
- No dilution required (use as supplied)
- Spray: Airless or conventional
- Brush & Roller: Recommended

SURFACE PREPARATION

- Ensure substrate is sound, clean, dry, and free from dust, oil, grease, laitance, and curing agents
- Light sanding recommended; remove all loose particles
- Ensure surface is fully dry before application

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CLEANING

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

SAFETY PRECAUTIONS

- Keep container tightly closed and out of reach of children
- 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

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, application method, dilution, film thickness, and opacity.

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.

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