TECHNICAL DATA SHEET

# ROX BIND

**VERTICAL ONE-PART**

**VERTICAL ONE-PART ROX BINDER — Explore the Possibilities.**




- Water Based
- Ready To Use
- Dries Clear
- Non-Sag Formula
- Non-Toxic
- UV Resistant
- Brush & Roller Application

## IDEAL USES

RETAINING WALLS | GABION BASKETS | ROCKERIES | RAISED BEDS | STEP RISERS | FEATURE WALLS | SLOPED BANKS

## DO'S

- Make sure the surface is dry, sound and free from moss & loose debris.
- Apply with a brush or roller at a slow & controlled pace, top down.
- Build up thin, even coats – thin coats cling better and dry clearer.
- Wash out brushes & rollers with warm water straight after use.

## DON'TS

- Don't over-apply – less is more! Heavy coats can run and stay milky.
- Don't dilute. Rox Bind Vertical is ready-to-use.
- Don't spray – it is formulated for brush & roller application.
- Don't apply to wet, dirty or frosted surfaces or if rain is forecast.

## AFTERCARE

- Keep the surface free from any contact, weight or pressure for the first 24 hours after the final coat.
- Reapply every 12 months in exposed areas and every 24 months for decorative use.
- Remove any loose stones before re-coating to avoid further abrasion.

## STORAGE & SAFETY

- Store in a cool, dry place protected from frost & direct sunlight.
- Keep out of reach of children & pets. Do not allow to freeze.
- Avoid contact with eyes and skin. Do not ingest. If contact is made, wash with water immediately.
- Spillages: scrub off with hot soapy water before the product dries.

## TECHNICAL PROPERTIES

| | |
|---|---|
| **Resin Type** | Acrylic |
| **Colour** | Milky White / Dries Clear |
| **Consistency** | Thickened, non-sag – holds on vertical & sloping surfaces |
| **Dry Time** | 12 – 36 Hours (Depending on humidity and temperature) |
| **Application Temp** | Above 5°C / 41°F |
| **Humidity** | 30% – 85% |
| **Substrate Requirements** | Dry, solid & sound vertical or sloping surfaces |
| **Dilution** | Not recommended |
| **Cleaning** | Warm water while wet / very hot or boiling water & stiff brush once dry |
| **Packaging** | 1kg Pouch, 1kg Box |
| **Shelf Life** | 24 Months (In sealed, original packaging, 5–25°C / 41–77°F) |

## COVERAGE GUIDE*

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|---|---|
| **1kg Pack (Metric)** | Coverage |
| **1m²** | 210g |
| **2m²** | 420g |
| **4m²** | 840g |
| **5m²** | 1kg (1 Pack) |
| **1kg Pack (Imperial)** | Coverage |
| **10ft²** | 7 oz |
| **20ft²** | 14 oz |
| **40ft²** | 28 oz |
| **50ft²** | 35 oz (1 Pack) |

* 1 full application = 3 coats. Coverage will vary with stone size, texture & surface porosity.

## 1. SURFACE PREPARATION

1. **CLEAN** – Remove dirt, moss, debris and contamination.
2. **DRY** – Ensure surface is completely dry.
3. **PROTECT** – Cover surrounding areas & the ground below.
4. **WEATHER** – Ensure 72 hours of warm & dry weather.

## 2. BRUSH & ROLLER METHOD

1. **STIR** – Stir well before use and decant into a tray or bucket. Do not dilute.
2. **BRUSH** – Apply the first coat with a brush or roller, working from the top of the surface down.
3. **WORK IN** – Work the product into the joints so every stone is bonded to its neighbours and the substrate.
4. **SECOND COAT** – Once touch dry, apply a second coat to any thin or uncoated areas.
5. **FINAL COAT** – After 24 hours, apply a final coat. Do not disturb or re-set the stones.
6. **FINISHED** – Allow 12–36 hours to fully dry.

## SUITABLE STONE TYPES & SIZE GUIDES

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|---|---|
| **Suitable Stone Types** | Decorative Gravel, Pebbles, Slate Chippings, Cobbles |
| **Stone Size** | Recommendation |
| **4–7mm** | Best Results |
| **8–18mm** | Best Results |
| **19–25mm** | Good Results |
| **<4mm / >25mm** | Do Not Recommend |
| **Build Depth (Single Layer)** | Recommendation |
| **8–12mm** | Best Results |
| **13–20mm** | Best Results |
| **21–24mm** | Good Results |
| **<8mm / >25mm** | Do Not Recommend |

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