TECHNICAL DATA SHEET

# ROX
# Concrete Primer

**2-PART POLYURETHANE CONCRETE PRIMER**

**For Resin Bound Surfacing Systems**

**Professional Substrate Preparation | 1:1 Mixing Ratio | CRM & SRM Compatible | Catalyst Compatible**

**Surfaces Without Limits**

## PREPARE. PRIME. BOND. LAST.

**THE ESSENTIAL BASE FOR A LONG-LASTING RESIN BOUND SURFACE**

**ROX Concrete Primer** is a professional-grade two-component polyurethane **concrete primer** specifically developed for use beneath **ROX Resin Bound Surfacing Systems**.

The primer penetrates and seals porous concrete while creating a strong bonding interface between the prepared substrate and the subsequent resin bound installation.

ROX Concrete Primer is designed to improve adhesion, reduce substrate porosity and provide a consistent surface for the resin bound system.

It can be used as a standalone concrete primer or in conjunction with suitable CRM (Crack Reduction Membrane) or SRM (Stress Reduction Membrane) mesh systems where additional reinforcement and crack/stress management are required.

For colder conditions or installations requiring faster turnaround, ROX System Catalyst can be incorporated to accelerate the polyurethane reaction and reduce tack and cure times.




## KEY BENEFITS

**High-Strength Polyurethane Adhesion**
Provides excellent bonding to concrete and cementitious substrates.

**Seals Porous Concrete Substrates**
Reduces resin absorption and creates a consistent surface.

**Specifically Developed for Resin Bound Installations**
Ensures optimum adhesion and long-term performance.

**CRM & SRM Compatible**
Can be used with Crack Reduction Membrane (CRM) or Stress Reduction Membrane (SRM) mesh systems.

**1:1 Simple Mixing Ratio**
Easy to mix and apply on site.

**Easy Application**
Can be applied by roller, brush or squeegee.

**Adjustable Cure Speed**
Compatible with ROX System Catalyst for faster turnaround.

**Suitable for Internal & External Use**
Designed for both commercial and residential applications.

**Reduces Risk of Delamination**
Helps create a uniform bonding layer and stabilises surface porosity.

**Wide Range of Applications**
Ideal for driveways, pathways, patios, courtyards and more.

**Professional Results**
Provides the essential foundation for a high-performance resin bound surface.

## TYPICAL APPLICATIONS

- DRIVEWAYS & PATHWAYS
- COMMERCIAL SURFACES
- PATIOS & TERRACES
- COURTYARDS & PUBLIC SPACES
- EXISTING & NEW CONCRETE
- WITH CRM MESH SYSTEMS
- WITH SRM MESH SYSTEMS
- INTERNAL & EXTERNAL USE

## TYPICAL TECHNICAL DATA

| | |
|---|---|
| **Product Type** | 2-Part Polyurethane Primer |
| **Components** | Part A Resin + Part B Hardener |
| **Mixing Ratio** | 1:1 (A:B) |
| **Application Methods** | Roller / Brush / Squeegee & Back-Roll |
| **Minimum Application Temperature** | +5°C |
| **Recommended Application Range** | +5°C to +30°C |
| **Typical Pot Life @ 20°C** | 30 – 45 minutes |
| **Initial Tack @ 20°C** | 45 – 90 minutes |
| **Typical Tack-Free / Dry Time @ 20°C** | 2 – 4 hours |
| **Recommended Resin Bound Application** | During tacky bonding window |
| **Maximum Overcoat Window** | Within 24 hours |
| **Typical Full Cure** | Approx. 24 hours |
| **Catalyst Compatible** | Yes – ROX System Catalyst |
| **Suitable Substrates** | Prepared Concrete & Cementitious Surfaces |

## SURFACE PREPARATION

- Substrate must be clean, dry and structurally sound.
- Free from dust, grease, oils, curing compounds and contamination.
- Mechanically prepared (e.g. diamond grind or shot blast) to achieve a suitable profile.
- Do not apply to wet or contaminated surfaces.
- Allow new concrete to cure fully before applying.

## IMPORTANT

The figures shown are typical guidance values and can vary depending on ambient temperature, substrate temperature, relative humidity, substrate porosity, application thickness, airflow and the use of ROX System Catalyst. Always carry out a test area prior to full application.

## RECOMMENDED SYSTEM

1. Prepare substrate.
2. Apply ROX Concrete Primer.
3. Install CRM or SRM mesh (if required).
4. Install ROX Resin Bound System.

## A STRONGER FOUNDATION FOR BRIGHTER SURFACES

ROX Concrete Primer delivers the essential base for a durable, seamless and long-lasting resin bound surface. Engineered for performance. Trusted by professionals.