# TECHNICAL DATA SHEET

## PRO High-Gloss 1K

**Manufacturer**
Seal 'n Lock System Corp.

**Address**
2401 Destiny Way, Odessa, FL 33556 USA

**Issue date**
August 11, 2026

**Telephone**
813-852-1500

**Version**
Version 1.0

**Emergency**
Poison Control Center: 1-800-222-1222

**Self-crosslinking PU-acrylic IPN sealer**

## Product Description

A high-performance one-component waterborne PU-acrylic hybrid coating designed for high gloss, strong adhesion, water beading, flow, and resistance to outdoor exposure, chemicals, abrasion, and hot tires.

## Key Benefits

- One-component convenience with crosslinked performance
- High-gloss finish and flow/leveling package
- Hydrophobic water-beading technology
- Formulated with a resin platform reported by the supplier to contain no intentionally added APEO or formaldehyde
- Designed for concrete, masonry, pavers, and compatible floor-coating applications

## Typical Properties

| Property | Typical value |
|---|---|
| Appearance | Milky liquid; dries clear |
| Solids by weight | 45% |
| pH | 8.00-8.07 |
| Density / specific gravity | 1.0268 g/mL / approximately 1.027 |
| Weight per gallon | Approximately 8.57 lb/gal |
| Viscosity | 75 seconds, Zahn No. 2 cup |
| VOC | <=35 g/L calculated, as supplied |
| Gloss | 60.8 GU @ 20 deg; 72.3 GU @ 60 deg; 80.2 GU @ 85 deg |
| Minimum application temperature | 50 F / 10 C |

| Property | Typical value |
|---|---|
| Shelf life | 12 months |

## Recommended Finished-Product QC

| Test | Current release criterion |
|---|---|
| Appearance | Uniform milky liquid; dries clear; no separation or coagulum |
| Solids | 45% by weight |
| pH | 8.00-8.07 |
| Density | 1.0268 g/mL using verified 100 mL gravity-cup method |
| Viscosity | 75 seconds, Zahn No. 2 cup; record product temperature |
| Gloss panel | 60.8 GU @ 20 deg; 72.3 GU @ 60 deg; 80.2 GU @ 85 deg |
| Dry-film quality | Uniform clear high-gloss film; no foam, craters, haze, or fisheyes |

## Coverage / Estimating

Approximately 180-250 sq ft per gallon. Coverage varies with substrate absorption, texture, joint width, dilution, and film build.

## Mixing and Dilution

Mix gently until uniform. Always dilute 1 part sealer with 1 part clean water for application. Do not use undiluted and do not alter the approved ratio.

## Surface Preparation and Application

1. Inspect and test a small inconspicuous area for compatibility, penetration, appearance, and adhesion.
2. Pressure wash and remove oil, efflorescence, laitance, loose coating, and contaminants. Remove inadequate joint sand and refill with suitable coarse fractured sand approximately 1/8 inch below the chamfer.
3. Apply to damp pavers only when no standing water is present. Spray uniformly; back-roll when needed for consistency. Prevent puddles in low areas and joints.
4. Apply PRO-Traction slip-resistant additive in the final coat where increased traction is required. Do not apply when rain or freezing conditions are expected.

## Drying and Return to Service

Dry to touch in approximately 15 minutes. Recoat only when the preceding coat is dry to the touch and visibly dry. Allow 24 hours before foot traffic and 48 hours before vehicle traffic. Cooler temperatures, high humidity, shade, limited airflow, and heavier film build extend these times.

## Cleanup and Storage

Clean equipment promptly with water before material dries. Store in the original tightly closed container at 50-90 F (10-32 C). Protect from freezing, excessive heat, and direct sunlight. Shelf life is 12 months when properly stored.

## Limitations and Safety

Not for submerged surfaces or standing water. Do not apply below 50 F, when rain or freezing conditions are expected, or over incompatible coatings. Wet sealed surfaces may be slippery; use PRO-Traction in the final coat where added traction is required. Consult the SDS.

**TECHNICAL REVIEW NOTICE:** Typical values are not sales specifications. Confirm final production QC limits and label directions before commercial release. Consult the current SDS before use.