

PRODUCT DATA SHEET

Ultra Smooth Finish

100% acrylic polymer finish coat

COLORS

Available in a wide variety of standard and custom colors.

PACKAGING

5 gallon pail (19 liter pail)

COVERAGE PER PAIL*

First coat: 430 to 440 ft²
(39.9 to 40.9 m²).

Second coat: 615 to 655 ft²
(57.1 to 60.9 m²).

Combined two coats are approximately 255 to 265 ft² (20.9 to 24.6 m²)

*Coverage rates vary depending on porosity of substrates and application techniques.

VOC

<50 g/l less water and exempt solvents

SHELF LIFE

Two (2) years when properly stored in original container.

DESCRIPTION

Factory-mixed, 100% acrylic polymer finish coat. Ultra Smooth Finish utilizes a uniformly-sized particle distribution for an ultra smooth texture.

USES

1. Provides an aesthetically pleasing surface color and ultra smooth texture for LaHabra wall systems.
2. Can also be utilized as an ultra-smooth finish for poured concrete or unit masonry, conventional stucco, certain insulating concrete forms, and interior veneer plaster or gypsum wallboard.

MIXING

Mix by using a clean spiral or Jiffler style mixer with a low speed drill. **Do not use drywall mixing paddles!** Wipe sides of pail down with a water soaked rag to help eliminate dried particles from falling into the product. Spritz a small amount of water over unused material before replacing the lid. Replace lid when not being used.

SURFACE PREPARATION

The surface should not contain irregularities greater than 1/8". All divots, pits, mesh overlaps, and mesh patterns must be leveled and skimmed with LaHabra Base Coat to correct any imperfections. To ensure a smooth surface, two applications of base coat are required. **Note: All leveling corrections must be made using the base coat.**

Sand or stone the surfaces to reduce imperfections and remove trowel marks. Remove dust/debris prior to application of SikaWall®-95 Tinted Primer. Apply SikaWall Tinted Primer at a rate of 150–50 ft²/gal.

PERFORMANCE CRITERIA	TEST METHOD	RESULTS
Water Vapor Transmission	ASTM E96 Method B	>30 perms (30 wet mils film thickness)
Adhesion, 7 day	ASTM D4541	>200 psi (basecoat and concrete), <50 psi (EIFS)
Wind Driven Rain Resistance	ASTM D6904	Passes, no water penetration
Surface Burning	ASTM E84	Class A rating
VOC	EPA 24	<50 g/L (less water and exempt solvents) Complies with US EPA (40 CFR 59) and South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings.

RECOMMENDED TROWELS

First coat: Stainless steel tapered 12x4 Venetian trowel.

Second coat: Stainless steel tapered 12x4 Venetian trowel for initial application. Flexible plastic Venetian trowel to create the final smooth appearance. Ancora makes a plastic trowel (article number 817/RS-1mm) that has been found to work well.

Note: Use of standard EIFS/stucco trowels (either new or broken-in) may result in uneven finish application.

APPLICATION

- Two coats of Ultra Smooth Finish are required. Apply the first coat of Ultra Smooth Finish using a 12x4 Venetian trowel at a uniform thickness of 10-15 mils. Maintain a wet edge at all times during application. Application thickness is critical. Where insufficient thicknesses are applied, discoloration and rapid drying may result. Excessive thickness may cause check cracking.
- Allow the first coat of Ultra Smooth Finish to dry and partially cure, then sand the finish with 100-150 grit sandpaper to remove trowel marks and create a smooth surface. Change sandpaper frequently. For best results, sand Ultra Smooth Finish on the same day that it is applied, before it is fully cured. Wipe the sanded surface with a damp rag to remove dust.
- Extra care is needed with power sanders. If they are used, rotate sander in a figure 8 pattern to avoid creating a sanding pattern. Avoid sanding deep holes into the Ultra Smooth Finish surface.

- For the second (and third coat if needed), a small amount of cool, clean, potable water may be used to adjust workability. **Do not add more than 15 oz. of water per full pail of Ultra Smooth Finish.**
- Apply the second (and third coat if needed) in thin (8-12 mil) applications, using the stainless steel trowel. Additional trowel pressure will be needed to ensure adhesion of the second and third coats. Free style leveling is not recommended, since it can result in wavy surfaces that become evident in critical light.
- Manipulate the second finish application (or third, if needed) using the flexible plastic Venetian trowel to obtain a smooth, trowel line free application. While manipulating the thin second or third coats, be prepared to spritz the surface of Ultra Smooth Finish and the face of the trowel with clean potable water, using a hand-held spray bottle. This will help maintain a wet edge if the finish begins to set before application is complete. Dark burnish marks from the trowel can be an indication that additional water is needed to maintain a wet surface. Manipulate the surface until it is smooth, achieving a trowel line free application. **Note: spritzing water onto dark colored Ultra Smooth Finish may cause minor discoloration.**
- If discoloration of dark colored Ultra Smooth finish is unacceptable, apply SikaWall-4080 Color Advance Coating tinted to the same color as the Ultra Smooth finish to create a uniform color.
- If color uniformity is not achieved on the second coat, Color Advance

Coating may be applied in lieu of a third coat of Ultra Smooth Finish.

- If a mottled effect is desired, use the stainless steel Venetian trowel for final leveling of Ultra Smooth Finish.

LIMITATIONS

- Protect all materials during transportation and installation to avoid physical damage.
- Store materials in a cool, dry place protected from freezing. Store at no less than 40°F (4°C) and below 120°F (49°C). Protect from extreme heat and direct sunlight.
- Do not apply materials in ambient temperatures below 40°F (4°C) Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures are below 40°F (4°C).
- Do not apply materials to frozen surfaces.
- Do not apply Ultra Smooth Finish in direct sun. In extreme heat and/or sun, utilize a filter screen to reduce surface temperature.
- Limiting panel size to 4 ft x 6 ft (1200 mm x 1800 mm) helps create consistent aesthetic appearance.
- Product is designed for professional use only. A jobsite mock-up is highly recommended to qualify workmanship.
- Color Advanced Coating is only used for color uniformity, it will not correct leveling issues on Ultra Smooth Finish.

TECHNICAL SUPPORT

Consult Sika Facades Technical Services Department at **+1 (800) 589-1336** for specific recommendations concerning all other applications. Consult the Sika Facades website at usa.sika.com/lahabra, for additional information about products and systems and for updated literature.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting usa.sika.com/lahabra, e-mailing your request to mbsbscst@mbcc-group.com or calling +1 (800) 433- 9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

LIMITED WARRANTY NOTICE

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com/lahabra or by calling our Technical Service Department at **+1 (800) 589-1336**.

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