

PRODUCT DATA SHEET

SikaWall®-421 Alto

Old World Acrylic Plaster Finish and Basecoat

PRODUCT DESCRIPTION

SikaWall®-421 Alto is an acrylic polymer based, trowel applied plaster finish and/or basecoat. It creates the look of a lightly mottled veneer plaster or a distressed old world marmarino plaster finish.

CHARACTERISTICS / ADVANTAGES

- Old World plaster look
- Low VOC
- Ready to Use

USES

SikaWall®-421 Alto can be used with:

- EIFS
- Properly prepared masonry
- Stucco
- Concrete surfaces
- Interior application over drywall
- Properly prepared concrete masonry
- Poured in place / precast concrete.

PRODUCT INFORMATION

Packaging	60 lbs (27.2 kg) net weight 5 gal. pails
Shelf Life	15 months, properly stored in original containers
Storage Conditions	Store off ground and protect from moisture and direct sun, do not allow to freeze.
Volatile organic compound (VOC) content	<20 grams per liter

APPLICATION INFORMATION

Coverage	Coverage will vary depending on surface conditions and thickness of application. ▪ 175-200 ft² (16-18.6 m²) per 5 gallon pail (two coats).
Drying Time	▪ Avoid heavy rain, traffic or cleaning for 48 hours after application. ▪ 3-4 hours under normal conditions. ▪ High humidity and low temperatures extend drying time.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Use only on surfaces that are sound, clean, dry, and free from any residue that might affect the ability of this product to bond to the surface.
- The use of a SikaWall sealer is recommended in high moisture or high traffic areas.
- Ambient and surface temperature must be 40°F (4°C) or higher during application and drying time. Provide supplemental heat and protection from moisture as needed.
- Application in direct sunlight in hot weather may adversely affect aesthetics.
- Do not allow to freeze until completely dry.
- Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying this product.
- In case of contact with eyes, flush with clean water and seek medical attention if irritation persists
- Do not use harsh or abrasive cleaners. Wash using a soap and water solution, followed by a warm water rinse. Do not use harsh or abrasive cleaners.
- For additional technical guidance, contact Technical Services at (800) 226-2424

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Clean tools frequently using clean water prior to drying.

- Substrate must be clean, dry, sound and free of

contaminants such as dust, oil, mildew and efflorescence.

- Ambient conditions, substrate and the product itself must be at a minimum of 40°F during application and at least 48 hours following until the finish is fully dried.
- Cement and gypsum plaster basecoats should cure for at least 7 days before applying the finish .

Concrete Masonry/ Concrete/Stucco

- Stucco surfaces should be fully cured (minimum 7 days) before application.
- Concrete Masonry and Poured in place concrete surfaces should cure for at least 28 days before finishing.
- Remove all form release agents and efflorescence and grind down form lines or other irregularities which protrude from the plane of the substrate.
- Pre-fill any depressions in the plane of the substrate such as holes and cracks using SikaWall ArmourPlast or an approved patching/joint compound.

New Drywall (interior)

- Treat all joints, fasteners and accessories with the industry standard joint treatment system for attaining a Level 3 finish as outlined in the Gypsum Association publication GA-214, "Recommended Levels of Gypsum Board Finish".
- Substrate must be clean. Remove all foreign matter, alkali deposits, oil, dirt, etc.
- Painted surfaces must be primed with Sikawall Tinted Primer.

MIXING

- Thoroughly mix with a paddle mixer to a homogeneous consistency at low rpm.
- Up to 8 ounces of clean, potable water may be added to adjust viscosity. Close container when not in use.

APPLICATION

- Sika Facades recommends that the project owner or designer approve a job site mock-up of the application of this product. The mock-up should demonstrate the product's appearance under the conditions given by the project specification(s).
- Periodically, as the work progresses, evaluate it from a distance to ensure the desired effect is being produced across the entire surface.
- If installing in a wet environment, the Sika Facades High Humidity Wet Areas specification must be followed.

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- Apply SikaWall®-421 Alto with a standard stainless steel plaster trowel. Apply the first coat of SikaWall®-421 Alto using decorative, multi-directional trowel strokes. Achieve the bulk of the filling/leveling the substrate will require with the first coat. Allow the first coat to dry completely before proceeding.
- Inspect the first coat and scrape or sand down high trowel marks and lap lines before proceeding.
- Apply the second coat of SikaWall®-421 Alto using decorative, multi-directional trowel strokes at a thickness of the largest aggregate that is in the material. The second coat of SikaWall®-421 Alto may be applied in a full coverage coat to create a smooth plaster finish. Alternatively the second coat may be textured, leaving some of the first coat exposed in areas creating a distressed old world appearance.
- Allow the second coat to dry slightly and then water-trowel. This is achieved by applying a film of water from a spray bottle set to a fine mist to the surface and then troweling smooth.
- After the second coat has dried to the touch it can be slightly polished using a clean, dry stainless steel trowel.

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LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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 or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole

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