

PRODUCT DATA SHEET

SikaWall®-6260 Metallic T0.5 Finish

A 100% acrylic smooth textured finish.

PRODUCT DESCRIPTION

Factory-mixed, 100% acrylic polymer finish, utilizing uniformly sized 0.5 mm aggregate for a smooth texture. It features an optimized combination of aggregates and metalescent pigments that combine the visual appeal of metal with the application ease of a textured finish.

USES

SikaWall Metallic T0.5 finish provides protection for an aesthetically pleasing metallic appearance, surface and texture for Sika Facades systems, poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms, and interior veneer plaster or gypsum wallboard.

CHARACTERISTICS / ADVANTAGES

- Metal pigmentation and optimized aggregate size provide a metal sheen.
- Abrasion resistant to enhance the metallic appearance, increase ease of application, and hide minor surface imperfections.
- Integral color and reduced maintenance.



TECHNICAL INFORMATION

Substrate

- Sika Facades' Systems
- Poured Concrete or Unit Masonry
- Conventional Stucco
- Interior Veneer Plaster or Gypsum Wallboard

Abrasion Resistance

METHOD
ASTM D968

CRITERIA
No cracking or loss of film integrity at 528 qt. (500L) of sand

RESULT
Finish not worn through after 725 qt. (686L) of falling sand

Tensile Adhesion Strength	ASTM C297, E2134	15 psi minimum	> 15 psi
Behavior after Artificial Weathering	Accelerated Weathering ASTM G23	2000 Hours	Pass
	ASTM G53	7500 Hours	Pass
Water Vapor Transmission	ASTM E96 Method B	Report Value	Finish with Sika Facades wet base coat and 4 oz reinforcing mesh: 15.1 Perms
Salt spray resistance	ASTM B117	300 Hours	Pass
Water resistance	ASTM D 2247	No deleterious effects after 14 days of 100% R.H. exposure	Pass
Reaction to Fire	ASTM E84	Report Value	Class A - Flame Spread <25 Class A - Smoke Developed <450

PRODUCT INFORMATION

Packaging	5 gallon pail (19 liter pail)		
Shelf Life	Two (2) years, when properly stored in original container.		
Storage Conditions	<ul style="list-style-type: none"> Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 40°F (4.5°C). Do not stack pallets. 		
Color	Available in a range of standard and custom colors.		
Volatile organic compound (VOC) content	ASTM D3960 (based in part on EPA Method 24)	<50g/l less water and exempt solvents	
Coverage	125-135 ft ² (11.6-12.5 m ²) Coverage rates vary depending on the porosity of substrates and application techniques.		
Ambient Air Temperature	<ul style="list-style-type: none"> Protect from temperatures less than 40°F (4.5°C) for a minimum of 24 hours or until dry When temperatures less than 40°F (4.5°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C). Protect the application area from direct sunlight and hot temperatures as necessary. Application on a “hot wall” will produce patterns as a wet edge cannot be maintained. 		
Drying Time	<p>Under average conditions [70°F (21°C), 50% Relative Humidity</p> <ul style="list-style-type: none"> Finish will be dry within 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and finish thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time. Protect finish from rain or other precipitation and temperatures less than 40°F (4.5°C) for a minimum of 24 hours and until dry. 		

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.

MIXING

Thoroughly mix the factory-prepared finish with a paddle and low-speed drill to a uniform workable consistency. A small amount of clean potable water may be added to adjust workability. Do not exceed 10 oz. of water per 5-gallon pail.

- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use. Dried material can only be removed mechanically.

SURFACE PREPARATION

Apply SikaWall Metallic T0.5 finish over a previously base coated wall, ensure all imperfections are corrected and the base coat application is completely smooth, with no mesh pattern showing. This may require a double coat of base coat.

- Panel size should not exceed 32 ft². All panels must be at a comfortable working height for the applicator to maintain a proper pattern during spray applications. The applicator must be able to maintain a “wet edge” and a consistent distance from the panel during spray application to avoid the appearance of dry joints and imperfections.
- Mask off any of joints needing sealant and all adjacent materials/panels and/or claddings in order to protect all surfaces from over-spraying.
- Match SikaWall-10 Tinted Primer to the color chosen for the SikaWall Metallic T0.5 finish. Spray or roller apply the primer. For roller application, use a 3/8” nap roller. Lay on the primer so there are no roller marks. For spray application, use an airless sprayer with a minimum 521 reversible tip.
- Allow the primer to dry. If there are flaws, touch them up with the basecoat, allow it to dry, sand and re-prime the area. Allow primer to dry prior to application of finish.
- Set up the texture gun and spray a small sample to ensure proper spray application.

APPLICATION

To achieve a color-consistent smooth surface, it is highly recommended that this product is applied per the application guidelines below. Typical trowel and float applications may be possible with lighter colors but should not be utilized on colors with a light reflectance value (LRV) less than 60.

- A minimum of four (4) thin coats of SikaWall Metallic T0.5 finish are recommended. (One trowel coat is allowed to be dried and sanded. The remaining coats will be consecutive in different directions to eliminate the potential for visible spray patterns.

First Coat- Trowel Applied

- Apply the first coat of finish using a 12x4 Venetian trowel at a uniform thickness of 10-15 mils. Maintain a wet edge at all times during application.
- Trowel finish without floating. Manipulate the finish application (if needed) using the flexible plastic Venetian trowel to obtain a smooth, trowel line-free application. While manipulating the texture on the trowel coat you can spritz the surface of the finish and the face of the trowel with a small amount of clean potable water, using a hand-held spray bottle. This will help maintain a wet edge if the finish begins to dry before application is complete.
- Allow the first coat to dry, then sand the finish with 100-150 grit sandpaper to remove trowel marks and create a smooth surface as necessary. Change sandpaper frequently as needed. After sanding, wipe the surface with a damp rag to remove dust. NOTE: Extra care is needed with power sanders. If using a power sander, rotate the sander in a figure 8 pattern to avoid creating a sanding pattern. Avoid sanding deep holes into the finish surface.

Coats 2 to 4- Spray Application

- Spray application setup will depend on the gun chosen for application. Set pressure and tip size to maintain a nominal pattern without splattering the finish to achieve a smooth application. When spraying the finish, hold the gun perpendicular to the wall, using constant movement across the surface. The key to a uniform appearance is to apply a minimum of three thin spray coats of finish without allowing it to develop a pattern.
- The first two passes should be sprayed immediately after one another. NOTE: Opposite directions should be used with each pass. If spraying horizontally during the first pass, immediately spray vertically during the second pass. Spray the panel maintaining 50% overlap, and immediately spray in opposite motion creating a crosshatch of the product after the first pass, again maintaining a 50% overlap wet edge.
- The third pass will be in a light circular or figure eight motion to eliminate any perceived pattern.

Remove the masking tape, while the finish is still wet, to semi-wet. Once dry, the product films over the tape, and makes it difficult to get a clean line.

LIMITATIONS

1. Do not apply Sika materials to frozen surfaces.
2. Efflorescence of Portland cement-based substrates such as concrete, masonry units and stucco may cause staining or discoloration on the surface of the applied finish. Efflorescence is neither caused nor prevented by SikaWall Metallic finish.
3. Not for use on damp surfaces, below-grade applications or on surfaces subject to water immersion.
4. The use of dark colors with light reflective values (LRV) less than 20% is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 165°F (74°C).
5. Samples of SikaWall Metallic finish are available for

color approval only. Samples for job approval must be made in the field by the applicator and approved prior to ordering. A jobsite mock-up is recommended to qualify color and workmanship.

Consult Sika Facades Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications.

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.

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.

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