

# PRODUCT DATA SHEET

## SikaWall®-4020 Granite & Stone Finish

Reflective stone finish reminiscent of classic granite or marble textures.

### PRODUCT DESCRIPTION

Factory-mixed, reflective stone finish consisting of colored aggregate and large black mica flakes in a 100% acrylic transparent binder. SikaWall Granite & Stone Finish provides a classic granite or marble-like textured finished appearance.

### USES

SikaWall Granite & Stone Finish provides a weather-resistant and aesthetically pleasing surface color 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

- Incorporates light-reflecting mica chips; unique sparkling appearance
- 100% Acrylic polymer chemistry; long-term durability and weather resistance
- Simulated stone look; supports design freedom, reduces cost
- Does not require a sealer; saves time and money
- Weather resistant; repels water and resists wind-driven rain



Color Shown - Iridium

### PRODUCT INFORMATION

<b>Packaging</b>	5 gallon pail (19 liter pail)
<b>Color</b>	Available in 10 standard colors providing a classic granite or marble-like textured finished appearance.
<b>Shelf Life</b>	Two (2) years, when properly stored in original container.
<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>▪ Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 50°F (10°C).</li> </ul>

- Do not stack pallets.

<b>Volatile organic compound (VOC) content</b>	ASTM D3960 (based in part on EPA Method 24)	<50g/l less water and exempt solvents.
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## TECHNICAL INFORMATION

<b>Substrate</b>	<ul style="list-style-type: none"> <li>▪ Sika Facades' Systems</li> <li>▪ Poured Concrete or Unit Masonry</li> <li>▪ Conventional Stucco</li> <li>▪ Interior Veneer Plaster or Gypsum Wallboard</li> </ul>
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<b>Tensile Adhesion Strength</b>	<b>METHOD</b>	<b>CRITERIA</b>	<b>RESULT</b>
	ASTM C297, E2134	Minimum 15 psi	Pass

<b>Reaction to Fire</b>	ASTM E84	Report Value	Class A - Flame Spread <25 Class A - Smoke Developed <450
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<b>Coverage</b>	75-85 ft <sup>2</sup> (7-7.9 m <sup>2</sup> ) per pail Coverage rates vary depending on the porosity of substrates and application techniques. <b>NOTE: Sufficient finish should be ordered to complete the entire project with one production run to alleviate potential batch color variations of the natural aggregate.</b>
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<b>Ambient Air Temperature</b>	<ul style="list-style-type: none"> <li>▪ Protect from temperatures less than 50°F (10°C) for a minimum of 24 hours or until dry.</li> <li>▪ When temperatures less than 50°F (10°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation or until dry.</li> <li>▪ Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C).</li> </ul>
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<b>Drying Time</b>	Under average conditions [70°F (21°C), 50% Relative Humidity] <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Protect finish from rain or other precipitation and temperatures less than 50°F (10°C) for a minimum of 24 hours or until dry.</li> </ul>
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## 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

Gently mix the contents of the pail for 1 minute using a low RPM 1/2" drill equipped with a mixing paddle such as a Demand Twister or a Windlock B-MEW, B-M1 or B-M9. 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

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. SikaWall-10 Tinted Primer is tinted to the corresponding color for the selected SikaWall Granite & Stone finish. Verify substrate is flat, free of fins or planar irregularities greater than 1/4" in 10' (6.4 mm in 3 m).

- **Concrete:** allow to cure a minimum of 28 days prior to application of primer or finish.
- **Unit Masonry:** allow to cure prior to application of primer or finish. When needed, apply a leveling coat of Sika Facades high build base coat to provide a smooth surface and minimize the likelihood of mortar joint readthrough prior to application of finish.
- **Stucco:** allow to cure a minimum of 6 days prior to

application of primer or finish.

- **Interior Veneer Plaster or Gypsum Wallboard:** Prepare surface as if it is to be painted. Fill fastener heads and joints per the gypsum wallboard manufacturer's instructions.

#### APPLICATION

- Apply SikaWall Tinted Primer to substrate in accordance with the current product data sheet. Allow the primer to dry to the touch before proceeding to finish application.
- Apply a tight coat of SikaWall Granite & Stone approximately 1/16"-1/8" (1.6mm-3mm) thick, with a clean, stainless-steel trowel. Maintain a wet edge on finish by applying and texturing continually over the wall surface.
- Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Float the finish with a gentle figure-8 motion, cleaning the float often.

#### LIMITATIONS

1. Do not apply SikaWall 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 applied finish. Efflorescence is neither caused nor prevented by SikaWall Granite & Stone 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 Granite & Stone 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.

#### Sika Corporation

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#### Product Data Sheet

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Consult Sika Facades Technical Services Department at +1 (800) 226-7474 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](http://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 remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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