

## PRODUCT DATA SHEET

# Sahara 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\*

105 to 115 ft<sup>2</sup> (9.8 - 10.7 m<sup>2</sup>)

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

### VOC

0.22-0.31 lbs/gal (26-37 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. Sahara Finish provides a uniform 1.5 mm “pebble” appearance.

### USES

Sahara Finish provides enhanced protection for an aesthetically pleasing surface color and texture for Senergy wall systems, poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms and interior veneer plaster or gypsum wallboard (primer required over interior surfaces).

### ADVANTAGES

100% Acrylic polymer chemistry creating long-term durability and weather resistance.

Integral color reducing maintenance and need for recoating.

Seals existing, non-moving hairline cracks.

Long-term durability and weather resistance.

Repels water and resists wind-driven rain.

Doesn't blister, peel or flake.

| TEST  | METHOD  | CRITERIA  | RESULT   |
|---|---|---|--|
| VOC   | ASTM D3960<br>(based in part on<br>EPA method 24) | Report Value  | 0.22-0.31 lbs/gal (26–37 g/l) less water and<br>exempt solvents. |
| Surface Burning Characteristics             | ASTM E 84   | Report Value  | Flame Spread < 25<br>Smoke Development < 450 (Class A)           |
| Abrasion Resistance                         | ASTM D968   | No Cracking or loss of film integrity<br>at<br>528 qt. (500L) of sand | Finish not worn through after 725 qt. (686L) of<br>falling sand  |
| Water Vapor Transmission                    | ASTM E96 Method<br>B                              | Report Value  | Finish with Alpha Base Coat and Flexguard 4:<br>15.1 Perms       |
| Surface Burning Characteristics             | ASTM B117   | No deleterious effects after 300<br>hours                             | Pass   |
| Water Resistance of Coating in<br>100% R.H. | ASTM D 2247                                       | No deleterious effects after 14 days<br>exposure                      | Pass   |
| Accelerated Weathering                      | ASTM G 23   | No deleterious effects after 2000<br>hours.                           | Pass   |
| Accelerated Weathering                      | ASTM G 53   | No deleterious effects after 7500<br>hours.                           | Pass   |
| Tensile Bond                                | ASTM C297, E2134                                  | 15 psi minimum  | > 15 psi   |

#### 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

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Use of SikaWall-15 Tinted Primer or SikaWall-10 Stucco Prime can improve color uniformity by minimizing substrate read-through in light colors, not used for adhesion assistance.

- 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 Alpha Genie 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.

#### APPLICATION

1. Apply Sahara Finish directly to the substrate or primed substrate with a clean, stainless steel trowel. Apply and level finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
2. 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.
3. Float finish to achieve final texture.

#### DRY TIME

Under average conditions [70 °F (21 °C), 50% Relative Humidity] 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°C) for a minimum of 24 hours or until dry.

#### LIMITATIONS

1. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
2. Not for use on damp surfaces, below-grade applications or on surfaces subject to water immersion.
3. When temperatures less than 40°F (4°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)
4. Do not apply materials to frozen surfaces.
5. 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 Senergy finish.

- 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).
- Samples of Senergy Finishes are available for color approval only. Samples for job approval must be made in the field by the applicator and approved prior to ordering.

#### SHIPPING & STORAGE

- Protect materials during transportation to avoid physical damage. Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 40°F (4°C).
- Do not stack pallets.

#### 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/senergy](http://usa.sika.com/senergy), e-mailing your request to [mbsbscst@mbcc-group.com](mailto: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.**

#### 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/senergy](http://usa.sika.com/senergy), for additional information about products and systems and for updated literature.

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