

## PRODUCT DATA SHEET

# Senerflex Finishes

### COLORS

Available in a wide variety of standard and custom colors.

### PACKAGING

5 gallon pail (19 liter pail)

### COVERAGE PER PAIL\*

**Classic:** 130 to 140 ft<sup>2</sup>  
(12.1 - 13 m<sup>2</sup>)

**Fine:** 145 to 155 ft<sup>2</sup>  
(13.5 - 14.4 m<sup>2</sup>)

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

### Texture: Smooth

365 - 375 ft<sup>2</sup> (33.9 to 34.8 m<sup>2</sup>) per coat, (minimum 2 coats).

### Texture: Skip Trowel

150 to 160 ft<sup>2</sup> (13.9 to 14.9 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

100% acrylic polymer finishes with advanced technology to improve long-term performance and dirt pick-up resistance.

### USES

Provides enhanced protection for an aesthetically pleasing surface color and texture for Senergy 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-based chemistry; provides long-term durability and weather resistance

Integral color; reduces maintenance and recoating

Weather resistant; repels water and resists wind-driven rain

Seals existing, non-moving hairline cracks

Breathable; does not blister, peel or flake

Abrasion resistant; durable

Factory mixed; ready to use, no additives to mix

Water based; safe, non-toxic, clean up easily with soap and water



**FINE**

Utilizes uniformly-sized 1.0 mm aggregate for a smooth, fine texture.



**SAHARA**

Utilizes a 1.5 mm aggregate that provides a uniform “pebble” appearance.



**TEXTURE**

Can achieve a smooth finish and wide variety of free-formed, textured appearances, including stipple and skip-trowel.  
Note: Shown in skip-trowel application.



**CLASSIC**

Has a medium “worm-holed” appearance which is achieved by the random aggregate sizes in the finish. The “worm-holed” look can be circular, random, vertical or horizontal.

Technical Data

| TEST                                     | METHOD                                       | CRITERIA                                                                                                                       | RESULT                                                                                                                                                                |
|------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOC                                      | ASTM D 3960 (based in part on EPA method 24) | Report Value                                                                                                                   | 0.22-0.31 lbs/gal (26-37 g/l) less water and exempt solvents.                                                                                                         |
| Surface Burning Characteristics          | ASTM E 84                                    | Report Value                                                                                                                   | Flame Spread < 25<br>Smoke Development < 450 (Class A)                                                                                                                |
| Water Vapor Transmission                 | ASTM E96 Method B                            | Report Value                                                                                                                   | Finish with Alpha Base Coat/ Flexguard 4: 15-19 Perms (varies based on texture)<br>Finish with Alpha Dry Base Coat/Flexguard 4: 19-22 Perms (varies based on texture) |
| Water Resistance of Coating in 100% R.H. | ASTM D2247                                   | No deleterious effects after 14 days exposure                                                                                  | Pass                                                                                                                                                                  |
| Salt Fog Resistance                      | ASTM B117                                    | No deleterious effects after 300 hours                                                                                         | Pass                                                                                                                                                                  |
| Mildew Resistance                        | Mil. Std. 810B Method 508                    | fungus growth after 28 days.                                                                                                   | Pass                                                                                                                                                                  |
| Chemical Resistance                      | Lab Test                                     | Determined by spot testing the sample surface with turpentine, mineral spirits, and 10% Lab Test hydrochloric acid for 4 hours | Turpentine = slight softening<br>Mineral spirits = slight softening<br>10% Hydrochloric acid = slight softening                                                       |
| Abrasion Resistance                      | ASTM D968                                    | No deleterious effects after 528 ASTM D968 quarts 500 liters)                                                                  | Finish not worn through after 725 qt. (686L) of falling sand                                                                                                          |
|                                          | ASTM G23                                     | No deleterious effects after 2000 hrs.                                                                                         | Pass                                                                                                                                                                  |
| Accelerated Weathering                   | ASTM G53                                     | No deleterious effects after 7500 hrs.                                                                                         |                                                                                                                                                                       |
| Tensile Bond                             | ASTM C292.22134                              | 15 psi minimum                                                                                                                 | Pass over acceptable substrates                                                                                                                                       |

#### 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.

**Note: Primer is for color uniformity, not for adhesion assistance.**

- Concrete: allow to cure a minimum of 28 days prior to application of primer or finish. Remove all projections and form lines.
- Unit Masonry: allow to cure prior to application of primer or finish. Remove all loose mortar and projections. When needed, apply a leveling coat of Alpha Genie Base Coat to provide a smooth surface and minimize the likelihood of mortar joint read through prior to application of finish.
- Stucco: allow to cure a minimum of 6 days prior to application of primer or finish.

#### 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.

#### APPLICATION

1. Apply 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.

#### Note: Texture Finish

- For smooth application of Texture finish, allow the first coat of Texture Finish to dry prior to applying a second coat. 2 coats are required for a smooth texture.
- For free-formed application including stipple and skip-trowel, maximum thickness not to exceed 1/8" (3.2mm).

#### 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. Appearance of Classic finish might vary if floated by different mechanics.
2. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
3. Not for use on damp surfaces, below-grade applications or on surfaces subject to water immersion.
4. 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).
5. Do not apply materials to frozen surfaces.
6. 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.
7. 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).
8. 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.
9. Do not exceed 10 oz of water per 5 gallon pail. Excess water will affect texture appearance and product performance.
10. Finish tint base is not intended for use untinted.

#### 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.**

#### 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/senergy](http://usa.sika.com/senergy) or by calling our Technical Service Department at +1 (800) 589-1336.

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