

## PRODUCT DATA SHEET

# Senerflex Tersus Finish

### *Enhanced Hydrophobic Anti-Soiling Technology*

#### **COLORS**

Available in a wide range of standard and custom colors.

#### **TEXTURE**

T0.5 - 0.5 mm  
F1.0 - 1.0 mm  
M1.5 - 1.5 mm  
R1.5 variable rilled

#### **PACKAGING**

5 gallon pail (19 liter pail)

#### **COVERAGE PER PAIL\***

**T0.5:** Smooth - 400 ft<sup>2</sup> (37 m<sup>2</sup>)  
Skip Trowel - 170 ft<sup>2</sup> (15.8 m<sup>2</sup>)  
**F1.0:** 160 ft<sup>2</sup> (14.9 m<sup>2</sup>)  
**M1.5:** 130 ft<sup>2</sup> (12 m<sup>2</sup>)  
**R1.5:** 130 ft<sup>2</sup> (12 m<sup>2</sup>)

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

#### **VOC**

<50 g/l less water and exempt solvents.

#### **SHELF LIFE**

Two (2) year when properly stored in original container.

#### **DESCRIPTION**

Senerflex Tersus finishes are a line of modified acrylic textured finishes designed to provide excellent water repellency and enhanced resistance to environmental soiling. The water repellent properties of the finishes provide hydrophobic protection and increased resistance to mold and mildew. When rain water contacts the surface, it beads and carries away dirt, soil and debris, automatically cleaning its surface. The built in anti-soiling properties resist dirt and staining, reducing maintenance costs and extending a building's aesthetic appeal.

#### **USES**

Senerflex Tersus finishes enhance the protection of buildings for an aesthetically pleasing surface color and texture for Senergy wall systems, poured concrete or unit masonry, conventional stucco and properly prepared insulating concrete forms.

#### **ADVANTAGES**

Highly water repellent.

Enhanced mold and mildew resistance.

Resists dirt pick up and soiling.

UV resistant, resists fading.

Modified acrylic polymer-based chemistry, providing long-term durability and weather resistance.

Vapor permeable.

Water-based and low VOC making it safer for workers and the environment.

Factory mixed; ready to use, no additives needed.

**TEST RESULTS**

TEST	METHOD	CRITERIA	RESULT
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	<50 g/l less water and exempt solvents
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Accelerated Weathering	ASTM G 155	No deleterious effects after 2000 hours.	Pass
Abrasion Resistance	ASTM D968	No Cracking or loss of film integrity at 528 qt. (500L) of sand	Finish not worn through after 686 liters of falling sand
Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
Dirt Collection	ASTM D3719	61 days at 45° South exposure; report dirt collection index (Dc)	Dc Index = 99.0 (100 = Best Performance)
Salt Fog Resistance	ASTM B117	No deleterious effects after 300 hours	Pass
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi
Dirt Pickup Resistance	Miami Dade County TAS 143-95 section 7.8 (modified)	Report % reflectance	Greater than 90% reflectance retained after dirt exposure

**MIXING**

Thoroughly mix the factory prepared finish with a paddle and low speed drill to a uniform workable consistency. A thick consistency is desired; however, 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 Senergy primer or finish.
- Unit Masonry: allow to cure prior to application of Senergy primer or

finish permitted.

- Stucco: allow to cure a minimum of 6 days prior to application of Senergy primer or finish.

**APPLICATION**

1. Apply Senerflex Tersus 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 corner, 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.

**HYDROPHOBIC EFFECT**

The hydrophobic effect is not immediate. It occurs through weathering approximately 30 days after application.

**RECOATING SENERFLEX TERSUS FINISH**

Prior to recoating or surfacing over existing Senerflex Tersus Finish, hydrophobic property must be neutralized to achieve bond. Wash down finish using a household dishwashing detergent, diluted to 1-part detergent to 10-parts clean water. Using a low-pressure spray hose (300-500 psi max), wet the surface with clean water followed by detergent wash. Make sure to do a thorough flushing of the surface with clean water to remove all traces of the detergent. Check the surface for any signs of beading and if present, repeat process until gone. Allow surface to completely dry and ensure it's protected

from airborne debris. Recoat within 24 to 48 hours weather permitting.

#### LIMITATIONS

1. Appearance of 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 are less than 40°F (4°C), 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.

#### 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.

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Rev February 2024

#### 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.

#### 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.**

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