Senerflex Tersus Finish
Enhanced Anti-Soiling Technology
Product Bulletin
Senerflex Tersus™ Finish

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 make the surface hydrophobic as well as more resistant to mold and mildew. When rain water contacts the surface, it beads and carries away dirt, soil and debris in its pathway. The built in anti-soiling properties of the finishes resist dirt and staining reducing maintenance costs and extending a building’s aesthetic appeal.

USES
1. SENERFLEX TERSUS Finishes provide enhanced protection for an aesthetically pleasing surface color and texture for Senergy Wall Systems.
2. Can also be utilized as a textured finish for poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms, and interior veneer plaster or gypsum wallboard (primer required over interior surfaces).

TEXTURE
SENERFLEX TERSUS Finish is available in four textures: 0.5 mm (T0.5); 1.0 mm (F1.0); 1.5mm (M1.5) and a 1.5mm (R1.5) rilled aggregate sand texture.

COLOR
Available in standard and custom colors to complement the design freedom of Senergy Wall Systems or to impart the look of stucco on other exterior and interior walls.

PACKAGING
(65 lbs per 5-gallon pail)
29.484 kg per 19-liter pail

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

<table>
<thead>
<tr>
<th>Finish</th>
<th>Coverage Rate</th>
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<tbody>
<tr>
<td>Senerflex Tersus T0.5 Finish</td>
<td>Approximately 400 ft² (37.2 m²) per coat, per pail (minimum 2 coats).</td>
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<tr>
<td>Senerflex Tersus F1.0 Finish</td>
<td>Approximately 170 ft² (15.8 m²) per pail</td>
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<tr>
<td>Senerflex Tersus M1.5 Finish</td>
<td>130 ft² (12.1 m²) per pail</td>
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<tr>
<td>Senerflex Tersus R1.5 Finish</td>
<td>130 ft² (12.1 m²) per pail</td>
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Advantages

- Highly water repellent
- Enhanced mold and mildew resistance
- Resists dirt pick up and soiling
- UV resistant, resists fading
- Modified acrylic polymer-based chemistry; provides long-term durability and weather resistance
- Vapor permeable
- Water-based and low VOC; safe for workers and the environment
- Factory mixed; ready to use, no additives to mix
### MIXING
1. Thoroughly mix the factory-prepared SENERFLEX TERSUS Finishes with a paddle and low speed drill to a uniform workable consistency.
2. A small amount of clean, potable water may be added to adjust workability, but is generally unnecessary since a thick consistency is desired. (Do not exceed 10 oz of water per 5 gallon pail.)
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use. Dried material can only be removed mechanically.

### APPLICATION
1. Substrate shall be dry, clean, sound and free of releasing agents, paint or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 1/4” in 10’ (6.4 mm in 3 m).
2. Apply SENERFLEX TERSUS Finishes directly to the substrate or primed substrate with a clean, stainless steel trowel.
3. Apply and level SENERFLEX TERSUS Finishes during the same operation to minimum obtainable thickness consistent with uniform coverage.
4. Maintain a wet edge on SENERFLEX TERSUS Finishes by applying and texturing continually over the wall surface.
5. Work SENERFLEX TERSUS Finishes to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
6. Float SENERFLEX TERSUS Finishes to achieve final texture.

### DRYING TIME
Typically 4 to 10 hours. Protect from rain and from temperatures less than 40°F (4°C) for 24 hours.

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

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### TEST RESULTS

<table>
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<th>RESULT</th>
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<tr>
<td><strong>Accelerated Weathering</strong></td>
<td>2000 hours No deleterious effects</td>
</tr>
<tr>
<td><strong>Moisture/Water Resistance</strong></td>
<td>14 days No deleterious effects</td>
</tr>
<tr>
<td><strong>Salt Fog Resistance</strong></td>
<td>300 hours No deleterious effects</td>
</tr>
<tr>
<td><strong>Tensile Bond</strong></td>
<td>Greater than 15 psi</td>
</tr>
<tr>
<td><strong>Dirt Collection</strong></td>
<td>61 days at 45° South exposure Dc Index = 99.0 (100 = Best Performance)</td>
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<tr>
<td><strong>Surface Burning Characteristics</strong></td>
<td>14 days Flame Spread Index &lt; 25 Smoke Developed Index &lt; 450</td>
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<tr>
<td><strong>Dirt Pickup Resistance</strong></td>
<td>Greater than 90% reflectance retained after dirt pickup</td>
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**TEST**

- **Abrasión Resistance**
  - ASTM D968
  - Finish not worn through after 686 liters of falling sand

- **Accelerated Weathering**
  - ASTM G 155
  - 2000 hours
  - No deleterious effects

- **Moisture/Water Resistance**
  - ASTM D2247
  - 14 days
  - No deleterious effects

- **Dirt Collection**
  - ASTM D3719
  - 61 days at 45° South exposure
  - Dc Index = 99.0 (100 = Best Performance)

- **Surface Burning Characteristics**
  - ASTM E 84
  - Flame Spread Index < 25
  - Smoke Developed Index < 450

- **Salt Fog Resistance**
  - ASTM B117
  - 300 hours
  - No deleterious effects

- **Tensile Bond**
  - ASTM C297, E2134
  - Greater than 15 psi

- **Dirt Pickup Resistance**
  - Miami Dade County TAS 143-95 section 7.8 (modified)
  - Greater than 90% reflectance retained after dirt pickup
LIMITATIONS

Application
Do not apply SENERFLEX TERSUS in ambient temperature below 40°F (4°C). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperature less that 40°F (4°C) prevails. Do not apply SENERFLEX TERSUS Finishes to frozen surfaces.

Shipping & Storage
Protect BASF materials during transportation and installation to avoid physical damage. Store BASF materials in a cool, dry place protected from freezing. Store at no less than 40°F (4°C). Protect from extreme heat and direct sunlight.

Stacking
Do not stack pallets.

Shelf Life
Approximately 2 years, properly stored in original containers.

Technical Support
Consult BASF Wall Systems Technical Support for specific recommendations at wallsystemstechsupport@basf.com or 800-589-1336. For the most up-to-date literature and information about products and systems, visit the Senergy website at www.senergy.basf.com.

HEALTH AND SAFETY

Caution
May be harmful if vapors or mist are inhaled, if absorbed through skin, or if swallowed. May cause eye, skin and respiratory tract irritation. Swallowing this product can cause kidney damage.

Precautions
Avoid getting in eyes, on skin, or on clothing. Avoid breathing vapors or mist. Wear safety glasses or goggles, impervious gloves, and clothing with long sleeves and pants. If TLV or PEL can be exceeded, wear respirator selected by a technically qualified person. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Spills
Wipe up small spills with rags. Absorb larger spills with sand, vermiculite, or kitty litter; sweep up and place in a suitable container for disposal.

First Aid
Eyes: For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.

Skin: For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.

Internal: If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult. If swallowed, give 3-4 glasses of water, but do not induce vomiting unless directed to do so by a physician. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.

Read the Safety Data Sheet (SDS) before using this product.

WARRANTY

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