Senerlastic™ Coating
100% acrylic-based smooth elastomeric coating

Product Bulletin

COLORS
Available in standard and custom colors.

PACKAGING
55 lbs per 5-gallon pail (24.9 kg per 19-liter pail).

COVERAGE
Coverage may vary depending on the texture, porosity and color of the existing substrate. Two coats are recommended to obtain the maximum elastomeric properties and for substrates with a moderate texture. Total wet film thickness is 32 mils (16 mils DFT) at 50 ft²/gal (4.6 m²/L) or 250 ft²/pail (23 m²/pail).

TECHNICAL INFORMATION
Consult our Technical Services department for specific recommendations concerning all other applications. Consult the BASF Wall Systems website, www.wallsystems.basf.com, for additional information about products and systems and for updated literature.

DESCRIPTION
Factory-mixed, 100% acrylic-based smooth elastomeric coating that provides excellent flexibility and weatherability.

USES
SENERLASTIC COATING is intended for use as a coating on exterior wall surfaces such as concrete, stucco, unit masonry, or compatible EIFS finish coat.

SURFACE PREPARATION
Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Cracks or voids must be filled with MasterProtect® FL 746/FL 748 or appropriate, compatible material to provide a solid substrate prior to application of SENERLASTIC COATING. Ensure patching material is dry prior to application of SENERLASTIC COATING.

Concrete:
1. Allow concrete to cure a minimum of 28 days prior to application of SENERLASTIC COATING.
2. Remove all projections and form lines.
3. When needed, apply BASF TINTED PRIMER to cured concrete with a sprayer, 3/8” (10mm) nap roller or good-quality latex paint brush at a rate of approximately 150–250 ft² per gallon (3.6–6.1 m² per 3.8 liter). BASF TINTED PRIMER shall be dry to the touch before proceeding to the SENERLASTIC COATING application.

Unit masonry:
1. Allow unit masonry to cure prior to application of SENERLASTIC COATING
2. Remove all loose mortar and projections.
3. When needed, apply a leveling coat of BASF Base Coat to provide a smooth surface prior to application of SENERLASTIC COATING.

Stucco:
1. Allow stucco to cure a minimum of 6 days prior to application of SENERLASTIC COATING.
2. When needed, apply BASF STUCCO PRIME to cured stucco with a sprayer, 3/8” (10 mm) nap roller or good-quality latex paint brush at a rate of approximately 150-250 ft² per gallon (3.6-6.1 m² per liter). BASF STUCCO PRIME shall be dry to the touch before proceeding to the SENERLASTIC COATING application.

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Features | Benefits
--- | ---
Over 300% elongation | Bridges cracks and enhances performance
Low temperature flexibility | Enhances crack resistance
Excellent weatherproof coating | Protects against wind-driven rain
Durable | Extends the life of the building
Breathable | Resists blistering and peeling
UV resistant | Retains color
Water based | Safe, non-toxic, clean up easily with soap and water
MIXING
1. Mix the contents of the SENERLASTIC COATING pail with a low
speed drill and paddle mixer until thoroughly blended.
2. A small amount of clean, potable water may be added to
adjust workability, but is generally unnecessary since a thick
consistency is desired.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

APPLICATION
1. SENERLASTIC COATING is meant to applied as a two coat
system, achieving a total wet thickness of 32 mils.
2. Apply SENERLASTIC COATING with a brush, 1" (25 mm)
nap roller, or spray. Maintain a wet edge at all times during
application.
3. Work SENERLASTIC COATING to corners, joints or other
natural breaks and do not allow material to set up within an
uninterrupted wall area.
4. When rolled, ensure roller is completely saturated and keep it
loaded. Do not roll dry.

LIMITATIONS
1. Protect BASF materials during transportation and installation to
avoid physical damage.
2. Store BASF materials in a cool, dry place protected from
freezing. Store at no less than. Protect from extreme heat and
direct sunlight. Shelf life is two years when unopened and stored
as directed.
3. Do not apply BASF materials 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
temperatures less than 40°F (4°C) prevail.
4. Protect work from precipitation until dry.
5. Do not apply BASF materials to frozen surfaces

VOC Content
60–73 g/l, or 0.50–0.61 lbs/gal less water and exempt solvents

HEALTH, SAFETY AND ENVIRONMENTAL
Read, understand and follow all Safety Data Sheets (SDS) and product
label information for this product prior to use. The SDS can be obtained
by visiting www.wallsystems.basf.com or e-mailing a request to
bwscustomerservice@basf.com. Use only as directed.
For medical emergencies only, call ChemTrec® 1-800-424-9300.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight per gallon, lbs</td>
<td>11.5 ± 0.2</td>
<td></td>
</tr>
<tr>
<td>Solids by weight, %</td>
<td>56 ± 2.0</td>
<td>ASTM D3960</td>
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<tr>
<td>Solids by volume, %</td>
<td>44 ± 2.0</td>
<td></td>
</tr>
<tr>
<td>Viscosity, KU</td>
<td>108 ± 4</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>VOC content, lbs/gal (g/L)</td>
<td>0.32–0.42 (38–50)</td>
<td>ASTM D552</td>
</tr>
<tr>
<td>Ultimate elongation, %</td>
<td>344</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>Elongation recovery, %</td>
<td>96.9</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>After 10 minutes</td>
<td>98.4</td>
<td></td>
</tr>
<tr>
<td>After 24 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultimate tensile strength, psi (MPa)</td>
<td>220 (1.5)</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>Crack bridging, mils (mm)</td>
<td></td>
<td>PR EN1062-7</td>
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<tr>
<td>-77°F (-60°C)</td>
<td>12 (0.3)</td>
<td></td>
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<tr>
<td>32°F (0°C)</td>
<td>19.5 (0.5)</td>
<td></td>
</tr>
<tr>
<td>73°F (23°C)</td>
<td>27.5 (0.7)</td>
<td></td>
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<tr>
<td>Flexibility, in (mm) mandrel, at -30°F (-34°C)</td>
<td>1/8 (3)</td>
<td>ASTM D552</td>
</tr>
<tr>
<td>Pull-off strength adhesion, psi (MPa)</td>
<td>210 (1.4)</td>
<td>ASTM D4541</td>
</tr>
<tr>
<td>Wind-driven rain</td>
<td>Passes</td>
<td>TT-C-555B</td>
</tr>
<tr>
<td>Property</td>
<td>Result</td>
<td>Test Method</td>
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<tr>
<td>----------------------------------------------</td>
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</tr>
<tr>
<td>Water-vapor permeance, perms</td>
<td>10</td>
<td>ASTM D1653</td>
</tr>
<tr>
<td>Carbon-dioxide diffusion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>( R ) (equivalent air layer thickness), ft (m)</td>
<td>263 (80)</td>
<td>PR EN1062-6</td>
</tr>
<tr>
<td>( Sc ) (equivalent concrete thickness), in (cm)</td>
<td>8 (20)</td>
<td></td>
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<tr>
<td>Accelerated weathering, 5,000 hrs</td>
<td>Passes</td>
<td>ASTM G23, Type D</td>
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<tr>
<td>Visual color change, 5,000 hrs</td>
<td>Passes</td>
<td>ASTM D1729</td>
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<tr>
<td>Chalking, 5,000 hrs</td>
<td>Passes</td>
<td>ASTM D4214</td>
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<tr>
<td>Freeze/thaw resistance, 60 cycles</td>
<td>Passes</td>
<td>ASTM C67</td>
</tr>
<tr>
<td>Salt spray resistance, 300 hrs</td>
<td>Passes</td>
<td>ASTM B117</td>
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<tr>
<td>Dirt pick-up, after 6 months exposure</td>
<td>( Dc = 94.33 ) (100 = Best Performance)</td>
<td>ASTM D3719</td>
</tr>
<tr>
<td>Mildew resistance</td>
<td>No growth</td>
<td>ASTM D3273/3274</td>
</tr>
</tbody>
</table>

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

**THEORETICAL FILM THICKNESS**

<table>
<thead>
<tr>
<th>Coverage rate ft²/gal(m²/L)</th>
<th>Wet mils (Microns)</th>
<th>Dry mils (Microns)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 (4.6)</td>
<td>32 (813)</td>
<td>16 (406)</td>
</tr>
<tr>
<td>80 (7.4)</td>
<td>20 (508)</td>
<td>10 (254)</td>
</tr>
<tr>
<td>100 (9.3)</td>
<td>16 (406)</td>
<td>8 (203)</td>
</tr>
</tbody>
</table>

Actual DFT to achieve the stated performance properties is 16 mils (406 microns).
WARRANTY

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF.

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