

Senerlastic™ Plus Coating

PRODUCT BULLETIN
1017610

Uses

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

Technical Information

Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com, for additional information about products and systems and for updated literature.

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 Thoro Knife Grade or appropriate, compatible material to provide a solid substrate prior to application of SENERLASTIC PLUS COATING. Ensure patching material is dry prior to application of SENERLASTIC PLUS COATING.

Concrete:

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

Unit masonry:

1. Allow unit masonry to cure prior to application of SENERLASTIC PLUS COATING.
2. Remove all loose mortar and projections.

Description

Factory-mixed, 100% acrylic based, siliconized smooth elastomeric coating that provides excellent weatherability, flexibility and increased resistance to mildew growth.

Colors

Available in Senergy's 126 standard colors and custom colors

Packaging

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

Approximate coverages:
First coat: 83.6–93.0 m² (900–1,000 ft²) per pail
Second coat: 93.0–185.0 m² (1,000–2,000 ft²) per pail
48.7 m² (525 ft²) per pail for a two-coat application.

Features	Benefits
Silicone enhanced	Increases both water repellency and resistance to mold and mildew
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

Senerlastic™ Plus Coating

- When needed, apply a leveling coat of STANDARD Base Coat, or ALPHA GENIE BASE COAT to provide a smooth surface prior to application of SENERLASTIC PLUS COATING.

Stucco:

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

Mixing

- Thoroughly mix SENERLASTIC PLUS COATING with a paddle and drill to a uniform workable consistency.
- A small amount of clean, potable water may be added to adjust workability, but is generally unnecessary since a thick consistency is desired.
- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use.

Application

- Apply SENERLASTIC PLUS COATING with a brush, 25 mm (1") nap roller, or spray. Maintain a wet edge at all times during application.
- Work SENERLASTIC PLUS COATING to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
- A second coat is recommended and may be applied after the first coat is dry.

Limitations

- Protect Senergy materials during transportation and installation to avoid physical damage.
- Store Senergy materials in a cool, dry place protected from freezing. Store at no less than 4°C (40°F). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
- Do not apply Senergy materials in ambient temperature below 4°C (40°F). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4°C (40°F) prevail.
- Protect work from precipitation until dry.
- Do not apply Senergy materials to frozen surfaces.

Technical Data

Test	Result
ASTM D412 Ultimate Elongation Elongation Recovery	344% 97%
ASTM D412 Stormer Viscosity	127 KU
Ultimate Tensile Strength	396 psi
ASTM D4541 Adhesion	210 psi
ASTM 1653 Vapor Permeability	10 perms
EN 062-6 - C02 Diffusion Resistance	1.99 10 ⁵
Flexibility	1/8" mandrel at –30°F
ASTM C67 Freeze Thaw Resistance	60 cycles

Test	Result
TT-C-555B Wind Driven Rain	Passes
ASTM G 53 Weathering	5000 hours
ASTM D3273/ASTM D3274 Mildew Resistance	No growth
ASTM B117 Salt Spray Resistance	300 hours
Solids by Volume	50%
Solids by Weight	65%

Health and Safety

Caution

Contains silica, crystalline quartz, ethylene glycol.

Risk

May cause eye, skin or respiratory irritation. Ingestion may cause irritation. Contains crystalline silica. NTP and IARC recognize respirable crystalline silica as a suspected human carcinogen. The exposure to crystalline silica during the normal use of this product will be little or none.

Precautions

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. DO NOT take internally. Wash thoroughly after handling. Use impervious gloves, eye protection and if the TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with Federal, state and local requirements. Keep container closed when not in use. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

1. For eye contact, flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. SEEK MEDICAL ATTENTION.
2. For skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing.
3. If swallowed, do not induce vomiting medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
4. If inhaled, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. SEEK MEDICAL ATTENTION.

Read Material Safety Data Sheet before using this product.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

80 g/l, or 0.67 lbs/gal less water and exempt solvents.

For medical emergencies only call Chemtrec at (800) 424-9300.

Senerlastic™ Plus Coating

Note

BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as "BASF Wall Systems")

Residential Policy

On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for water drainage. The choices include Senturion® line of water drainage EIFS, commercial Senerflex® Channeled Adhesive or Channeled Insulation Design, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water drainage provisions described above. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable.] See the Senergy Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com for additional information about products and systems and for updated literature.

Disclaimer

This information and all further technical advice are based on BASF Wall Systems' present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF Wall Systems disclaims any and all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF WALL SYSTEMS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF Wall Systems reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

BASF Wall Systems

3550 St. Johns Bluff Road South
Jacksonville, FL 32224-2614
Phone 800 • 221 • 9255
Fax 904 • 996 • 6300
www.senergy.basf.com