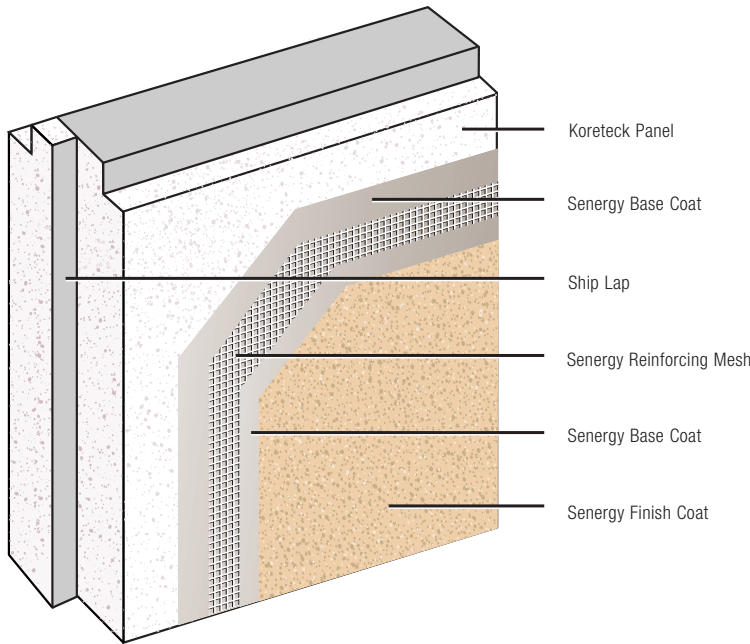




Senenergy® Surfacing Systems for the Koreteck™ Panelized Wall System

Weather resistant surfacing system using a mesh-reinforced base coat and 100% acrylic polymer exterior finish

SYSTEM GUIDE
1025388



Description

Senenergy Surfacing Systems for the Koreteck Panelized Wall System provide the desirable stucco look and aesthetic appeal. The Senenergy Surfacing Systems are comprised of a reinforced base coat, optional primer and a 100% acrylic polymer finish.

Senenergy architectural Coatings and Finishes have passed rigorous tests for resistance against abrasion, fading, chalking, cracking and peeling. Finishes are available in a limitless color selection and offer performance enhancement options, including increased resistance to dirt pick-up and mildew.

Senenergy Surfacing Systems feature exceptional durability and low maintenance.

Uses

For exterior walls in residential, light commercial and institutional construction when a weather resistant, low maintenance “Stucco Look” wall finish is desired.

Senenergy Surfacing Systems

Features	Benefits
Unlimited colors, textures and architectural details	Support design freedom, create details that would be impossible or cost prohibitive with other claddings
100% Acrylic, reinforced base coats	Produce a weather-resistant barrier, provide crack resistance
100% Acrylic finish coats	Resist fading and abrasion, offer options for added dirt/mildew resistance

Senergy® Surfacing Systems for Koreteck™ Panelized Wall System

Koreteck System (www.koreteck.com)

Features	Benefits
No wall cavity	Eliminates chance of mold growing in the wall cavity
Rapid construction	Greatly reduced construction time
Energy efficient design	High insulation values while preserving standard wall thickness

Limitations

1. Use high impact mesh for ground floor applications in high traffic areas.
2. Consult Koreteck for design and application considerations.
3. Repair any dings, dents and damaged form areas with the appropriate expanded polystyrene insulation prior to the application of the Surfacing Systems. Do not fill damaged areas with Base Coat or cementitious products.
4. Do not apply the Surfacing Systems directly to dimensional framing lumber/ blocking which might occur at window and door bucks, etc.
5. Terminate the Surfacing Systems a minimum of 8" above grade.
6. Surfacing Systems shall not serve as the foundation damp-proofing.
7. Comply with current Senerflex® or Senerthik® Wall System specifications and details except as noted herein.

Application of the Surfacing Systems:

Rasp surface of the panel prior to the application of the Surfacing Systems to remove ultraviolet damage, residue, as well as planar irregularities greater than 6 mm in 3 m (1/4" in 10').

SENERFLEX Surfacing Systems application

- A. Fill gaps of 1.6 mm (1/16") or greater between panels with slivers of expanded polystyrene insulation board.
- B. Apply the Senergy Base Coat, Reinforcing Mesh, and Finish per Senergy specifications and details.

- OR -

Adhesively fastened insulation board application

- A. Using a Senergy cementitious Base Coat/Adhesive, install a minimum layer of 3/4" expanded polystyrene insulation board over the Koreteck panel system per Senergy specifications prior to the application of the Base Coat, Reinforcing Mesh, and Finish Coat.

System Specifications

To perform in the expected manner, the System must be applied according to Senergy specifications, using only the listed and approved materials and components.

Components

Senergy Surfacing Systems are comprised of Senergy Base Coat, Senergy Reinforcing Mesh and a textured Senergy Finish. Optional TINTED PRIMER can enhance appearance and performance.

EPS special shapes:

Used to enhance design aesthetics such as moldings, cornices, quoins, ogees, etc., these can be integrated into the system. They must be reinforced with Senergy Base Coat and Reinforcing Mesh prior to application of the TINTED PRIMER and Finish.

Design Considerations

Details shall conform with Senergy's recommendations and shall be consistent with the project requirements.

Technical Information

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

Product Data—Sizes & Packaging

FLEXGUARD 4, standard-weight Reinforcing Mesh at approximately 4.5 oz/yd² is available in 96.5 cm x 45.7 m (38" x 150') rolls. For wall system areas not expected to receive abnormal traffic or abuse.

INTERMEDIATE 6, standard-weight Reinforcing Mesh at approximately 5.6 oz/yd² is available in 96.5 cm x 45.7 m (38" x 150') rolls. For wall system areas not expected to receive abnormal traffic or abuse.

INTERMEDIATE 12, intermediate-weight Reinforcing Mesh at approximately 11 oz/yd² is available in 96.5 cm x 22.8 m (38" x 75') rolls. For use either alone or with FLEXGUARD 4 or INTERMEDIATE 6 to provide added impact resistance at specific areas such as around doors and walkways.

STRONG 15, medium-heavy weight Reinforcing Mesh at approximately 15 oz/yd² is available in 96.5 cm x 22.8 m (38" x 75') rolls. For wall system areas expected to receive traffic and abuse.

HI-IMPACT 20, heavy-weight Reinforcing Mesh at approximately 20 oz/yd² is available in 99.0 cm x 22.8 m (39" x 75') rolls. For wall system areas expected to receive a high degree of traffic and abuse.

CORNER MESH, intermediate-weight mesh at approximately 9.1 oz/yd² for use at exterior corners, is available in 22.9 cm x 45.7 m (9" x 150') rolls

Approximate coverage rate for NC-II BASE to embed FLEXGUARD 4 is 13.9 m² (150 ft²) per 27.2-kg, 19-liter pail (60-pound, 5-gallon).

Approximate coverage rate for ALPHA GENIE BASE COAT, ALPHA BASE COAT, STANDARD BASE COAT, and XTRA-STOP BASE COAT to embed FLEXGUARD 4 is 26 m² (280 ft²) per 27.2-kg, 19-liter (60-pound, 5-gallon) pail.

Approximate coverage rate for ALPHA DRY BASE COAT to embed FLEXGUARD 4 is 11.1 m² (120 ft²) per 22.6-kg (50-pound) bag.

Approximate coverage rate for Senergy TINTED PRIMER is 69.6–116.1 m² (750–1,250 ft²) per 24.9-kg, 19-liter (55-pound, 5-gallon) pail.

SENERFLEX® and SILCOAT® Finishes are packaged in 31.7-kg, 19-liter (70-pound, 5-gallon) pails. Approximate coverages per pail for various textures are: CLASSIC [13 m² (140 ft²)], BELGIAN LACE [14.8 m² (160 ft²)], FINE [14.8 m² (160 ft²)], SAHARA [11.1 m² (120 ft²)], COARSE [8.3 m² (90 ft²)], TEXTURE (coverage varies depending upon application).

Specialty Finishes are packed in 31.7-kg, 19-liter (70-pound, 5-gallon) pails. Approximate coverages per pail for various textures are: AURORA TC-100 [6.5–9.2 m² (70–100 ft²)], AURORA STONE [6.5 m² (70 ft²)], BOREALIS [6.5–9.2 m² (70–100 ft²)], ALUMINA [8.4–9.2 m² (90–100 ft²)].

Storage

Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 4°C (40°F) (10°C/50°F for AURORA TC-100, AURORA STONE, ALUMINA and BOREALIS Finishes).

Health and Safety

Follow good safety and industrial hygiene practices during handling and installing products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

Senergy® Surfacing Systems for Koreteck™ Panelized Wall System

Submittal Approvals

Job Name: _____

Contractor: _____ Date: _____

Distributor: _____

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 moisture drainage. The choices include Senturion® line of water managed EIFS, commercial Senerflex® Wall Systems integrating moisture management features, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. 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 management provisions described above.]

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 web-site, www.senergy.cc for additional information about products and systems and for updated literature.

Disclaimer

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