

Senerflex® Classic PB Wall System

Class PB EIFS providing a primary moisture barrier

DESCRIPTION

Senerflex® Classic PB is an Exterior Insulation and Finish System that provides a durable weather-resistant primary barrier. The system offers design flexibility, aesthetic appeal and energy savings.

Integrated system components include adhesive, insulation board, reinforced base coat and 100% acrylic polymer primer and finish. Apply the system directly to the following acceptable sheathings: cement board, poured concrete/unit masonry, paper-faced gypsum sheathing, fiberglass mat-faced gypsum sheathing. Senerflex® Wall System has passed rigorous tests including Full- Scale Fire, Wind-Load, Wind- Driven Rain, and Large and Small Missiles.

Finishes are available in a limitless colour selection and offer performance enhancement options, including increased resistance to dirt pick-up and mildew.

Senerflex® Classic PB Wall System features easy installation, proven durability and low maintenance.

TYPICAL APPLICATIONS

For exterior walls in new and retrofit commercial and institutional construction where exterior insulation and higher wind loads are design considerations.

ADVANTAGES

- Cost-effective
- Seamless exterior blanket of insulation provides high R values, lowers heating and cooling costs
- Multiple options for impact resistance improve functional design, ease of maintenance
- Plaster trims/accessories are not required for installation
- Wide selection of standard colors, custom colors, and finish textures

PACKAGING

Alpha Dry Adhesive	25 kg
Insulation Board	procured locally
Alpha Dry Base Coat	25 kg
Flexguard 4 Reinforcing Mesh	100 cm x 50 m roll
Intermediate 12 Reinforcing Mesh	10 cm x 25 m roll
Tinted Primer	24.9 kg (19 L)
Senergy Finish Coat:	
Belgian Lace Finish	25 kg
Fine Finish	25 kg
Classic Finish	25 kg
Coarse Finish	25 kg
Sahara Finish	25 kg
Texture Finish	25 kg
Accessories:	
Corner Beads with Mesh	100 mm x 150 mm x 2.5 m
Starter Track Alu	procured locally
Insulation Fasteners	procured locally

COLOURS

Available in a wide variety of standard and custom colours

APPLICATION GUIDELINES

PLACING / APPLICATION

1. Apply all Senerflex® Classic PB Wall System materials in accordance with the specifications.
2. Install insulation board horizontally, butting edges tightly, staggering vertical joints and corners in a running bond pattern, attaching securely using Alpha Dry Adhesive or Alpha Dry Base Coat.
3. Embed Reinforcing Mesh into wet Alpha Dry Base Coat so that no Reinforcing Mesh colour is visible. Apply double layers of Reinforcing Mesh at all inside and outside corners and at corners of windows. Apply multiple layers of

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Reinforcing Mesh and Base Coat where required for added impact resistance.

4. Apply Color Coat into sealant joints after reinforced Alpha Dry Base Coat has dried.
5. Apply Tinted Primer to the dry reinforced Alpha Dry Base Coat.
6. Apply finish coat (**Fine, Belgian Lace, Classic, Coarse, Sahara, Texture Finishes**) to match the specified finish type, texture and colour when primer and/or reinforced base coat are dry.

CLEANING

Clean tools with soap and water immediately after use.

COVERAGE / YIELD

Product Names	Coverage
Alpha Dry Adhesive to adhere Insulation Board	Notched trowel method: 7.2 m ² /25 kg (EPS) 3.0 m ² /25 kg (Rockwool) Ribbon and dab method: 8.1 m ² /25 kg (EPS)
Alpha Dry Base Coat to embed Flexguard 4 Reinforcing Mesh	12.2 m ² /25 kg (EPS) 5.6 m ² /25 kg (Rockwool)
Alpha Dry Base Coat to embed Flexguard 4 Reinforcing Mesh and Intermediate 12 Reinforcing Mesh	7.2 m ² /25 kg (EPS) 3.7 m ² /25 kg (Rockwool)
Tinted Primer	69.6-116.1 m ² /24.9 kg
Senergy Finish Coat: Belgian Lace Finish Fine Finish Classic Finish Coarse Finish Sahara Finish Texture Finish	11.6 m ² /25 kg 11.6 m ² /25 kg 10.2 m ² /25 kg 6.5 m ² /25 kg 8.7 m ² /25 kg Varies depending on texture

WATCHPOINTS

- Use only for above ground vertical walls.
- Do not use in one-or two-family framed residential construction.
- Maximum allowable deflection L/240, based on stud properties only.
- The design wind-load shall not exceed the system's allowable wind-load as stated in applicable code reports.
- Details shall conform with Senergy's recommendations and shall be consistent with the project requirements.
- Expansion joints are required in the system where they exist in the substrate, where the system adjoins dissimilar construction at changes in substrates, and at floor lines in multilevel wood frame construction.
- System shall terminate at expansion joints.
- Sealant joints shall be detailed and installed per sealant manufacturer's recommendations.
- A minimum 6:12 slope is required on all horizontal surfaces greater than 2.5 cm.
- Backer rod and sealant are required at door and window openings.
- Use high impact mesh for ground floor applications in high traffic areas.
- Consult the framing and sheathing manufacturer for design and application considerations.

Consult the Master Builders Solutions Construction Chemicals Technical Services Department for specific recommendations concerning all other applications.

STORAGE AND SHELF LIFE

Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 4°C.

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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.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

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