EnergyShield Classic PB Wall System

Class PB EIFS providing a primary moisture barrier

PACKAGING

Ultra-Bond Adhesive	25 kg
Insulation Board	Procured locally
Ultra-Base Coat	25 kg
Reinforcing Mesh (Standard)	100 cm x 50 m roll
Intermediate 12 Reinforcing Mesh	10 cm x 25 m roll
Deco Primer	20 kg
EnergyShield Finish Coat:	
Swirl Finish	20 kg
Fine Finish	20 kg
Coarse Finish	20 kg
Texture Finish	20 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 colors

CLEANING

Clean tools with soap and water immediately after use.

DESCRIPTION

EnergyShield 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 substrates: cement board, poured concrete/unit masonry, certain gypsum boards. EnergyShield Wall System has passed rigorous tests including Full- Scale Fire, Wind-Load, Wind- Driven Rain, and Impact testing.

Finishes are available in a limitless color selection and offer performance enhancement options, including increased resistance to dirt pickup and mildew.

EnergyShield 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

APPLICATION GUIDELINES

PLACING / APPLICATION

1. Apply all EnergyShield 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 Ultra Bond Adhesive or Ultra Base Coat.
3. Embed Reinforcing Mesh into wet Ultra Bond Base Coat so that no Reinforcing Mesh color is visible. Apply double layers of Reinforcing Mesh at all inside and outside corners and at corners of windows. Apply multiple layers of Reinforcing Mesh and Base Coat were required for added impact resistance.
4. Apply Color Coat into sealant joints after reinforced Ultra Base Coat has dried.
5. Apply Deco Primer to the dry reinforced Ultra Base Coat.
6. Apply finish coat **(Fine Finish, Swirl Finish, Coarse Finish, Texture Finish**) to match the specified finish type, texture and color when primer and/or reinforced base coat are dry

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COVERAGE / YIELD

Product Names	Coverage
Ultra Bond to adhere Insulation Board	Notched trowel method: 7.2 m²/25 kg (EPS) 3.0 m²/25 kg (Rockwool) Ribbon and dab method: 8.1 m²/25 kg (EPS)
Ultra Base Coat to embed **EnergyShield Reinforcing Mesh**	12.2 m²/25 kg (EPS) 5.6 m²/25 kg (Rockwool)
Ultra Base Coat to embed **EnergyShield Reinforcing Mesh** and **Intermediate 12 Reinforcing Mesh**	7.2 m²/25 kg (EPS) 3.7 m²/25 kg (Rockwool)
Deco Primer	69.6 – 93 m²/20 kg
EnergyShield Finish Coat: **Swirl Finish** **Fine Finish** **Coarse Finish** **Texture Finish**	 9.3 m²/20 kg 9.3 m²/20 kg 8.2 m²/20 kg Varies depending on texture

WATCH POINTS

- Use only for above ground vertical walls.
- The design wind-load shall not exceed the system's allowable wind-load as stated in applicable code reports.
- Details shall conform with EnergyShield 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 (30° Angle) 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 Gulf Additive Factory 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.

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 Gulf Additive Factory, Qatar 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.

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