XTERIOR INSULATION SYSTEM

FACADESXi
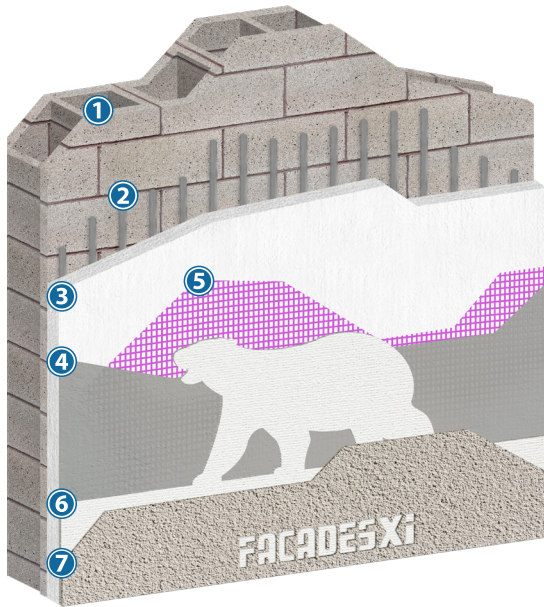
SYSTEM DESCRIPTION

FACADESXi Xterior Insulation System is a tested, warranted, code compliant and engineered Exterior Insulation Finish System for use on solid substrates that do not require a separate water or air barrier, such as concrete, CMU and brick. Xterior insulation gives this system the ability to meet any energy code requirements with the ease of one system and the design flexibility and lightweight system for any designers vision.

Optional Advantages Upgrades

- WaterShield Xterior Insulation System for an integral water and air barrier system.
- XPS Xterior Insulation for higher R Value per inch
- High and Ultra High Impact Resistance Systems with BearMat 15 and BearMat 20
- Consistency Enhancement: Xi-Alkali Resistant Primer

COMPONENTS

① Substrate
- Poured Concrete
- Unit Masonry
- Brick

② Insulation Board Attachment
- Xi-Acrylic Base Coat
- Xi-Dry Acrylic Base Coat

③ Continuous Insulation
- Expanded Polystyrene

④ Base Coat
- Xi-Acrylic Base Coat
- Xi-Dry Acrylic Base Coat

⑤   Reinforcing Mesh
- Xi-Mesh
- Xi-Mesh6
- Xi-Mesh10
- BearMat 15/Xi-Mesh
- BearMat 20/Xi-Mesh

⑥ Primer (Optional per specification) – **highest finish coat aesthetic performance.**
- Xi-Alkali Resistant Primer

Finish Coat – Integrally colored and textured. Unlimited color selection, dirt pick
⑦ up resistant
- Xi-Textured Acrylic Finish
- Xi-Flexx Finish

USES

Exterior, new, retrofit, residential, multi-family, commercial, panelized, institutional, hotels, hospitals, retail centers, schools, condominiums, and government facilities. High Impact Systems Available.

COMPLIANCE / APPROVALS

Xi Xterior Insulation System is installed as a code compliant Exterior Insulation and Finish System in conformance with
- International Building Code
- International Residential Code
- ASTM E2568
- ICC Acceptance Criteria 219
- ASHRAE 90.1
- NFPA 268
- NFPA 285

Consult system specifications for exact component options.

ADVANTAGES

- Continuous Insulation out performs cavity insulation and gives greater energy savings
- Impact resistant systems available
- Mold and mildew resistant Finishes
- Unlimited color and design aesthetics
- EPS shapes for architectural details
- Labor costs and time savings
- Single wource warranty
- Lower Cladding Weight for decreased structural requirements
- Non-combustible and Fire resistant assemblies are available

DESIGN CONSIDERATIONS

- All products must be installed in accordance with current Evaluation Report.
- Maximum allowable deflection L/240.
- The design wind load shall be determined by the Evaluation Report or per the structural engineer.
- All penetrations shall be properly treated, flashed and/or sealed using approved installation designed for water drainage to the exterior of the wall.
- Expansion joints are per project design. See Specifications and details for expansion joint locations.
- Sealant joints shall be detailed and installed per sealant manufacturer's recommendations.

LIMITATIONS

- Ambient and surface temperature must remain above 40ºF (4ºC) during and for 24-hours after set has occurred.
- Protect applied product from inclement weather until dry.
- Fire Rated and Non combustible assemblies must be per the current Evaluation Report
- For increase Impact resistance: Utilize BearMats in conjunction with Standard Mesh
- Select colors with light reflectance value (LRV) greater than 20. Under extreme conditions, dark colors may increase the temperature of the polystyrene boards to greater than its allowable service temperature limit of 160ºF (71ºC).
- System must terminate above grade per the current Evaluation Report.
- No additives are permitted to any components unless specifically approved by FXI.
- Follow the application instructions for each component.
- Use only on surfaces that are sound, dry, clean, unpainted, and free from any residue that may affect the ability of the FACADESXi Products to bond.
- For use on vertical above grade walls only.
- Maintenance Required: periodic cleaning, recoating to enhance appearance of weathered finish.

This system bulletin is not to be used as an application guide. See System specifications, details, and product datasheets for specific installation information.

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Technical assistance and information is available by calling 1-833-899-0787.
The most current information can be found at www.facadesxi.com

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