

PRECOR-SB™

Exterior Thermal Wall System
With Water-Resistive Secondary Barrier

SECTION 07240 (07241)



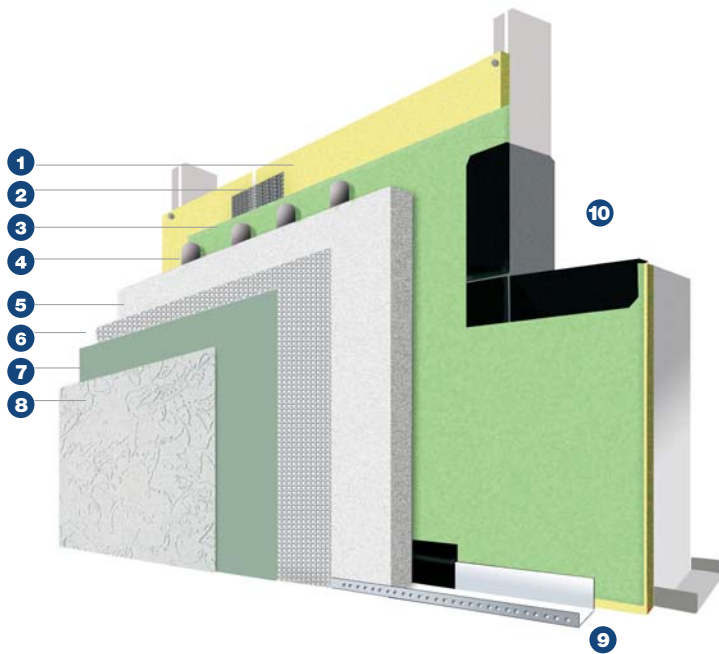
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i m p r e s s i v e s u r r o u n d i n g s



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1. Approved substrate.
2. COREVNET-DTA™, an adhesively backed reinforcing mesh, is used to tape sheathing joints.
3. IMPERCOREV™, an acrylic polymer-based flexible membrane, is applied directly to the face of the approved substrate.
4. UNIBASE™ Adhesive, an acrylic polymer cement modifier mixed at the jobsite with Portland cement, is used to adhere the EPS to approved substrates.
5. EPS Insulation Board is a high grade expanded polystyrene providing thermal protection and design flexibility.
6. COREVNET™ Reinforcing Meshes provide impact resistance, flexibility and overall strength to the system.
7. UNIBASE Basecoat Mixture is an acrylic polymer cement modifier mixed at the jobsite with Portland cement, in which COREVNET Reinforcing Meshes are embedded to create the basecoat lamina.
8. Corev Textured Finish Coatings are premixed acrylic finish coatings available in 40 standard and limitless custom colors. They are durable, colorfast and easy to maintain.
9. Starter Track, a vented "J" type molding, provides egress for incidental moisture at the base of the system
10. FLASHTAPE™, a self-adhesive waterproof flashing membrane, acts as a bridge between the sheathing face and framing members or other structural

The Benefits

PRECOR-SB is an exterior moisture drainage wall cladding system. PRECOR-SB draws on Corev America's more than twenty years of manufacturing and technical experience with exterior coatings and wall systems. PRECOR-SB incorporates IMPERCOREV™, a continuous water-resistive secondary barrier, in combination with FLASHTAPE™, STARTSTRIP™, starter track and vertical adhesive ribbons, to allow incidental moisture to drain from the system. Advantages include:

Moisture drainage: IMPERCOREV protects the sheathing from incidental moisture during the installation of the wall system and in the event of a breach in the wall system itself thereafter. FLASHTAPE provides continuity of the water-resistive barrier between the sheathing substrate and the face of framing edges or other dissimilar materials. Vertical adhesive ribbons provide a passage for incidental moisture. STARTSTRIP and starter track provide egress for incidental moisture.

Exterior thermal protection: PRECOR-SB offers much higher R-value than typical stucco or masonry systems, and unlike batting insulation, provides uninterrupted protection to the entire thermal mass of the building.

Architectural design flexibility: With the wide range of available finish coat textures and limitless colors, and through use of special polystyrene board shapes such as crown moldings, quoins, bull noses, arches, dentils and a host of others, PRECOR-SB renders unique architectural concepts possible at an affordable price.

Durability, colorfastness and ease of maintenance: Corev's finish coatings are integral color and based on acrylic resins and silica sands. They are extremely abrasion resistant, vapor permeable, and fade resistant. The film forming acrylic surface allows easy cleaning through low pressure power washing.

2:1 Ratio UNIBASE basecoat mixture leads the industry: All of the components of PRECOR-SB contribute importantly to the constitution of an extremely lightweight system that offers flexibility unparalleled by masonry and most other cladding systems. The quality of the basecoat lamina is vital to the performance of the system. UNIBASE basecoat mixture is mixed with Portland cement in a ratio of approximately 2:1, in contrast to the industry standard of 1:1, resulting in a higher acrylic content basecoat lamina that is unmatched in terms of flexibility and performance.

Corev America is Texas based and was founded in 1982 to manufacture and market technologically advanced architectural coatings, adhesives, sealants, paints and exterior wall insulation systems. With international operating experience, Corev America draws from a wealth of knowledge in construction materials technology, environmental conditions and applications science. Corev America is committed to making high-performance, aesthetically pleasing and durable products from only the very best quality components.

This document conveys system, product and installation information related to the PRECOR-SB System and is applicable as of the date of this document. Corev America assumes no liability, expressed or implied, as to the workmanship, design or engineering of any project. In particular, the PRECOR-SB System is not intended to correct or compensate for faulty workmanship or other sub-standard or defective construction elements, such as missing or improperly installed or maintained flashings and sealants, or windows that allow water infiltration into the wall cavity. This document is not intended to be used as a manual or otherwise to instruct in the proper design or installation of the PRECOR-SB System. For complete information on the PRECOR-SB System, see long-form specifications, testing summaries, MSDS sheets and product data sheets.

