Another New Veneer System for Brick Panels

(T)he National Brick Panel System from Exterior/Interior Systems, Inc., 4619 S. 136th St, Omaha, NE 68137, (402) 896-4142 or (800) 395-3734, is a superior exterior or interior system for year-round commercial, residential or remodeling applications.

It consists of a .020 vacuum formed polystyrene panel mounted on 1" thick extruded 2-lb. density polystyrene board. The panel features unique shelf angles for precise brick placement (accommodating variances in brick), and the non-continuous brick ledges provide full depth mortar joints. Perforated metal key clips provide a tight bond and additional mortar lock. A patented weeping mechanism provides for enhanced condensation and moisture drainage.

The panel skins overlap to minimize moisture infiltration. Other benefits include light weight and features that can accommodate a wide variety of substrates for maximum builder flexibility.

The National Brick Panel is mechanically fastened to the wall with galvanized key clips--approximately one key clip per square foot. Each bonded 4' x 8' panel has a minimum R-Value of 5, and the unique ship lap interlocking panels enhance the structural integrity of the entire system top to bottom.

After the panels have been erected,
Above, polystyrene board and panel are fastened to the substrate. Below, brick are placed in the pattern desired.

High solids solvent-based adhesive is applied in vertical beads. The 1/2" brick is placed on the shelf angles in the pattern desired. The precise shelf angles support the brick until the adhesive is cured, and also assure straight, uniform mortar lines.

With brick in place, grouting mortar is applied into joints with a grout bag or approved pump system. The system allows for creative options including arches, quoins, sill brick and fastener, soldier courses, and a variety of sizes and shapes.

Exterior/Interior Systems, Inc., also offers technical support including on-site pre-planning, on-site troubleshooting, technical support via phone, and detailing services. A 21-year limited warranty on materials and manufacturer’s workmanship is also available. Installation must be performed by a certified applicator. Contact Exterior/Interior Systems, Inc., for more information.