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## **Technical Bulletin F7-07**

### *Weather Resistive Barrier required for installation of Foundry Shakes, Shingle, Stone and Shapes*

**Foundry Shakes, Shingles, Stone and Shapes are designed to allow the material underneath to breathe; therefore, they are not a watertight covering. All Foundry panels contain engineered “weep slots” which allow water to drain out from the back of the panel.**

#### **What is a Weather Resistant Barrier System?**

The System includes water shedding materials and water diversion materials. Weather resistant barrier systems commonly consist of a combination of exterior cladding (Foundry Shakes, Shingle, Stone and Shapes), flashed wall openings and penetrations, weather resistant barrier material, and sheathing. Effective weather resistant barrier systems will shed the water initially, control moisture flow by capillary and diffusion action, and minimise absorption into the wall structure. The level of weather resistance required is determined by the applicable building codes/regulations and climate.

#### **Requirement**

#### **2006 International Residential Code (IRC)**

To achieve designed performance and to comply with the code, Foundry Shape and Shakes must be installed over a weather resistant barrier system that includes 1) a continuous weather resistant material and 2) properly integrated flashing around all penetrations and where Foundry Shapes and Shakes interface with other building products such as brick, stone, or stucco. Refer to the Vinyl Siding Institute’s *\*Vinyl Siding Installation Manual* which is based in part on ASTM D4756, Standard Practice for Installation of Rigid Poly Vinyl Chloride (PVC) Siding and The Foundry’s Installation Instructions for specific product applications and recommendations. Whichever product(s) you decide to use as part of a weather resistive barrier system – be certain the materials meet the applicable code by contacting the manufacturer of the weather resistant barrier material(s).

Your local Foundry Field Representative will provide:

- ✓ Complete analysis of project requirements
- ✓ Assistance in preparation of project specifications
- ✓ Site-specific installation guidelines and recommendations
- ✓ On-going technical assistance
- ✓ Pre-Construction Conference
- ✓ Periodic Site Inspections

\*For a copy of the Manual, visit [www.vinylsiding.org](http://www.vinylsiding.org)