

# ICC-ES Evaluation Report

**ESR-1675**

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This report is subject to re-examination in one year.

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**DIVISION: 09 00 00—FINISHES**  
**Section: 09 22 16.23—Fasteners**

**REPORT HOLDER:**

**FASTEN SEAL PRODUCTS LLC**  
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**EVALUATION SUBJECT:**
**FASTEN SEAL FURRING FASTENER SYSTEM**
**1.0 EVALUATION SCOPE**
**Compliance with the following codes:**

- 2006 *International Building Code*® (IBC)
- 2006 *International Residential Code*® (IRC)

**Properties evaluated:**

- Structural
- Durability
- Water resistance

**2.0 USES**

The Fasten Seal furring fastener system is used to attach, and to provide furring for, plaster bases (lath), and to seal nail penetrations of a water-resistive barrier.

**3.0 DESCRIPTION**

The Fasten Seal furring fastener consists of a base unit including a cap and plunger; sealant; and a nail. The plastic base unit contains sealant which is forced out by the plunger when it is impacted by the nail. The base unit provides minimum 1/4-inch (6.4 mm) furring and is produced from high-density polyethylene. The sealant is a rubber butyl-rubber-based compound. The nails that are

supplied with the fastener comply with ASTM F 1667, have a 0.1205-inch-diameter shank and a 7/16-inch-diameter (11.1 mm) head, are 1 3/4 inches (44.4 mm) long, and have a minimum Class 1 galvanization in accordance with ASTM A 641.

**4.0 INSTALLATION**

The water-resistive barrier is installed as required by the applicable code. The plaster base (lath) is attached using the Fasten Seal furring fasteners, which are placed where required by the applicable code. When the nail is driven, sealant is forced out of the base and can be evidenced at the perimeter of the base.

**5.0 CONDITIONS OF USE**

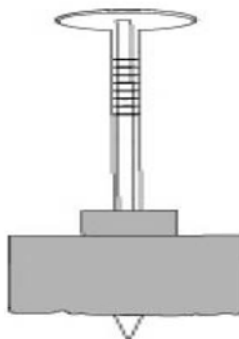
The Fasten Seal furring fastener system described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report subject to the condition that the products are installed as described in this report. If there is a conflict between this report and the manufacturer's instructions, this report governs.

**6.0 EVIDENCE SUBMITTED**

- 6.1** Reports of water penetration tests in accordance with ASTM E 331.
- 6.2** Reports of ultraviolet light resistance tests in accordance with Section 4.1.2 of the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), dated February 2008.
- 6.3** Quality documentation.

**7.0 IDENTIFICATION**

Packages of the Fasten Seal product are labeled with the Fasten Seal Products LLC name and address, the product name, the manufacturing location and the evaluation report number (ESR-1675).


**FIGURE 1—FASTEN SEAL FURRING SYSTEM**