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DIVISION: 07—THERMAL AND MOISTURE PROTECTION
Section: 07210—Building Insulation
Section: 07485—Annular Space Protection

REPORT HOLDER:

CONVENIENCE PRODUCTS, DIVISION CLAYTON CORP.
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EVALUATION SUBJECT:

TOUCH 'N SEAL® GUN FOAM II

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2003 *International Building Code*® (IBC)
- 2003 *International Residential Code*® (IRC)
- BOCA® *National Building Code*/1999 (BNBC)
- 1999 *Standard Building Code*® (SBC)
- 1997 *Uniform Building Code*™ (UBC)

Properties evaluated:

- Surface-burning characteristics
- Fire resistance

2.0 USES

Touch 'n Seal® Gun Foam II is an aerosol foam plastic used to fill cracks and voids in construction and the annular space created by the penetration of wood fire blocking by pipes and conduits. The foam plastic is recognized for use as an alternative to the methods prescribed by the code for maintaining the integrity of penetration of fire blocking.

3.0 DESCRIPTION

3.1 General:

Touch'N Seal® Gun Foam II is a single-component, polyurethane foam sealant which expands to take the shape of cracks and voids. The foam has a flame-spread index of less than 25 and a smoke-developed index of less than 450 when tested in accordance with ASTM E 84 (UBC 8-1). The foam is packaged in an aerosol delivery configuration. The foam has been tested in accordance with ASTM E 814 (modified) to establish that the integrity of the fireblocking is maintained when penetrated.

4.0 INSTALLATION

Installation of Touch'N Seal® Gun Foam II shall comply with this report and the manufacturer's published installation instructions. In the event of a conflict between the manufacturer's published installation instructions and this report, this report shall govern. The manufacturer's published

installation instructions shall be available at the jobsite at all times during installation. The foam shall be installed to completely fill the annular space around the penetrations for full depth of the plate that has been penetrated. Use of the foam plastic to fill the cracks shall observe the following limitations:

- a. The maximum width of exposed foam or the annular space of penetrations to be sealed must not exceed $1\frac{5}{16}$ inches (34 mm), and the nominal foam thickness shall not exceed $1\frac{1}{2}$ inches (38 mm).
- b. The maximum area of exposed foam shall not exceed 15.5 square inches per square foot ($1250\text{ cm}^2/\text{m}^2$) of wall area.

5.0 CONDITIONS OF USE

The Touch'N Seal® Gun Foam II foam plastic insulation 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 following conditions:

- 5.1** Materials and methods of installation shall comply with this report and the manufacturer's published installation instructions. In the event of a conflict between the installation instructions and this report, this report shall govern. The manufacturer's published installation instructions shall be available at the jobsite at all times during installation.
- 5.2** The sealants shall not be used in applications where they are exposed to sunlight or weather.
- 5.3** A thermal barrier is not required when installation complies with Section 4.0 of this report.
- 5.4** Use of Touch'N Seal® Gun Foam II shall be limited to Type V nonfire-resistance-rated construction under the IBC and to nonfire-resistance rated construction under the IRC.
- 5.5** Touch'N Seal® Gun Foam II are produced in Pacific, Missouri, under a quality control program with inspections by Underwriters Laboratories Inc. (AA-668).

6.0 EVIDENCE SUBMITTED

- 6.1** Manufacturer's descriptive literature.
- 6.2** Report containing results of testing performed in accordance with ASTM E 84.
- 6.3** Reports containing results of comparative testing performed in accordance with a modified version of ASTM E 814.
- 6.4** A quality control manual.

7.0 IDENTIFICATION

The Touch'N Seal® Gun Foam II described in this report shall be identified by a stamp bearing the manufacturer's name (Convenience Products), the product type, the name of the inspection agency (Underwriters Laboratories Inc.) and the evaluation report number (ESR-1926).