

ISOKERN UNVENTED GAS LOG ENCLOSURE SPECIFICATIONS:

I. MANUFACTURER:

A. ISOKERN Fireplace and Chimney Systems, North American distribution by Earthcore Industries, Inc., Jacksonville, Florida (Telephone 800-642-2920).

II. PRODUCT DESCRIPTION:

- A. Modular refractory masonry precast fireplace and chimney components.
1. Designed for field assembly as a masonry enclosure for an unvented decorative gas log.
 2. All interlocking parts necessary for assembly of a complete firebox.

III. MATERIALS:

- A. Light weight concrete of a proprietary mixture of Icelandic volcanic pumice aggregate and aluminate cement for precast firebox components.
1. Compressive Strength: Firebox components: 972 psi.
- B. Premixed (dry) ISOKERN LIP mortar, masonry adhesive.
1. Tensile strength: 807 psi; compressive strength: 2460 psi.
 2. ASTM 48261T.
- C. Standard 1 1/8" thick high temperature refractory brick to line firebox interior.

IV. INSTALLATION:

- A. Reference manufacturer's installation instructions for standard configurations, weights, sizes and installation details.
- B. Suitable masonry foundation or structural wood floor system.
- C. Unit to be assembled on site per manufacturer's illustrated instructions.
1. Premixed ECI mortar is used at all joints between components.
 2. Firebox to be lined with minimum 1 1/8" thick rated fire brick.
- D. Standard fireplace and chimney units listed for "zero clearance" to uninsulated wood framing members.

V. CERTIFICATION:

- A. Warnock Hersey/Intertek Testing Services Report No. 13001A-764.
- B. Meets or exceeds IAS 2-97; ANSI Z21.91-2007.

VI. CODE COMPLIANCE:

ICC No. ESR - 2316



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