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Thermocrete USA Inc.
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Attn: Russ Gardner
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RESEARCH REPORT: RR 25455
(CSI 07900)

Expires: August 1, 2010

GENERAL APPROVAL - Renewal - Thermocrete Ceramic Flue Sealant (CFS) for repairing or restoration of smoke chambers and flue systems of existing code-complying masonry and precast concrete chimney.

DETAILS

Thermocrete Ceramic Flue Sealant (CFS) is an alumina-silica base castable refractory material in powder form that hardens when mixed with water. The product is field-mixed at approximate proportions of 1 part water to 3 parts sealant. Application of the sealant is achieved by means of a compressed air spray mechanism that is lowered into an existing chimney, and a sealant coating is spray-applied as the mechanism is raised to the chimney top.

The approval is subject to the following conditions:

- I. Installation of the sealants shall be performed by an installer approved by the manufacturer.
- II. Applications of the sealants shall be in accordance with the manufacturer's instructions, a copy of which shall be provided at each construction site. **Do not under any condition, use any additives or alter the procedures for mixing and installation.**
3. The sealants shall be delivered to construction site in sealed containers identified by the manufacturer's name and product designation.

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Thermocrete USA Inc.
RE: Ceramic Flue Sealant

4. Thermocrete Ceramic Flue Sealant is approved for the repair and restoration of smoke chambers and flue systems. Thermocrete shall not be used for structural repair.

DISCUSSION

This approval is based on tests.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

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