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RESEARCH REPORT: RR 25481  
(CSI # 04060)

Expires: May 1, 2012  
Issued Date : April 1, 2010  
Code: 2008 LABC

**GENERAL APPROVAL** – Renewal - Super Spec Type S Masonry Mortar.

**DETAILS**

**The approval is subject to the following conditions:**

1. The Type S Masonry Mortar shall be proportioned in accordance with Table No. 2103.8(1) of the 2008 Los Angeles City Building Code.
2. The masonry mortars shall be delivered in weatherproof bags. The bags shall be identified by a label indicating the manufacturer's name, product name, the mortar compressive strength at 7 days and 28 days, the net weight, and the minimum and maximum water required.
3. No admixtures shall be used with masonry mortar.
4. There shall be no intermixing of mortars of different deliveries, i.e., mixed in different batches.
5. The mortars shall not be applied at temperatures below 40°F.
6. The mortar shall not be used for foundation or concrete flatwork.
7. No mortar with elapsed time of 90 minutes or more after initial mixing shall be used.
8. Tests and sampling shall be conducted as follows:

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- a. Samples shall be taken from every production batch.
- b. Each sample shall be tested for conformance to Section 4.1 of ASTM C144 with regard to sand gradation.
- c. Compressive strength tests shall be conducted monthly on a random basis. Specimens shall be cast in two-inch cube molds using recommended water amounts when mixing. 28-day compressive strength test results must exceed minimums set by U.B.C. Standard No. 21-15.
- d. All test data shall be documented according to batch numbers.
- e. All of the above information shall be kept on file with the manufacturer and shall be available to the Department of Building and Safety upon request.
- f. Tests by a licensed testing agency shall be required per Section 91.2105.2.1 if higher stresses are used in the design of the masonry.

## **DISCUSSION**

The report is in compliance with 2008 LABC.

This approval is based on tests conducted in accordance with ASTM C-387.

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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