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RESEARCH REPORT: RR 25776
(CSI #07120)

Expires: May 1, 2010
Issued Date: May 1, 2009
Code: 2008 LABC

GENERAL APPROVAL - TREMproof® 250 GC for Below-Grade Waterproofing Membrane and Gas Barrier.

DETAIL

TREMproof® 250 GC is a fluid-applied, elastomeric membrane for Below-Grade Waterproofing and Gas Barrier.

The TREMproof® 250 GC applied to wood, metal, concrete or masonry substrate is measured 60 mils minimum in thickness for below-grade waterproofing membrane and gas barrier.

The TREMproof® 250 GC is approved for below-grade waterproofing as required by Chapter 14 of Los Angeles Building Code . The membrane can also be used for liner of Concrete Fire Water Tank, inside Planter Boxes, beneath Landscape, Garden Roofs , Green Roofs and below a mortar bed for Thin- Set Tile Shower Pan with 60 mils minimum in thickness.

This product is approved for below-grade waterproofing membrane and gas barrier subject to the following conditions:

1. The TREMproof® 250 GC shall be supplied in clearly marked containers bearing the brand name and product identification.
2. The manufacturer shall provide quality assurance of the materials supplied as to their formulation.

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3. Application of the product shall be accomplished by an applicator approved by the manufacturer. A written statement by the manufacturer stating that the applicator is an approved applicator is required prior to use of the product.
4. All surfaces to receive membrane shall be free of laitance, sharp projections, oil, dirt or other contaminants. Prepare surfaces in accordance with the manufacturer's instructions
5. Installation of the materials shall be in accordance with the manufacturer's instructions, a copy of which shall be kept at the job site.
6. Complete details for the membrane system are submitted for plan check and a building permit is obtained.
7. For application as a Methane Barrier, the following field tests in accordance with the Tremco Inc. Field Installation and Repair Procedure are required: (A copy of the Installation and Repair Procedures is on file with Engineering Research Section.)
 - a. Perform Thickness Sample Test at every 500 square feet.
 - b. Perform Smoke Test for the entire site at the interval not more than 50,000 sq. ft. each.
8. Protection for the membrane shall be provided in accordance with the written instructions by the engineer of the record.
9. Prior to placing the concrete slab over the membrane, the membrane installer shall certify the membrane to be installed and tested in accordance with the manufacturer's specifications and to be free of leaks.
10. The membrane is not to be placed under the building footings.
11. For TREMproof® 250 GC gas membrane installation, continuous inspection by a registered deputy inspector certified by Tremco Inc., and registered in accordance with the requirements specified in Section 91.1704 of the Los Angeles Municipal Code for special inspections is required.
12. Continuous inspection is required for the liner of Concrete Fire Water Tank for continually submersed conditions.

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DISCUSSION


The approval is based on tests in accordance with the Methane Barrier Test Criteria and Acceptance Criteria for Below-Grade and Exterior Damp-Proofing and Waterproofing Materials.

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.

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.



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