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RESEARCH REPORT: RR 26066
(CSI # 07 21 00, 07 22 00)

BASED UPON ICC EVALUATION SERVICE
REPORT No. ESR-1006

REEVALUATION DUE

DATE: December 1, 2019

Issued Date: December 1, 2017

Code: 2014 LABC

GENERAL APPROVAL – Reevaluation – Foam-Control[®] Boards, Foam-Control[®] with Perform Guard[®] Boards and Foam-Control[®] with Perform Guard² Boards and Foam-Control[®] Geofoam Blocks

DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of approval, and identification of Evaluation Report No. ESR-1006 reissued April, 2016, revised May 2017, of the ICC-ES Evaluation Services, LLC. The report, in its entirety, is attached and made part of this general approval.

The approval is subject to the following conditions:

1. Applications of the products listed in this report shall be in accordance with the manufacturer's instructions, a copy of which shall be provided, at each jobsite.
2. The installation of geofoam blocks shall comply with conditions listed under Section 5.8 of attached ICC-ES evaluation report, ESR-1006.

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3. Foam-Control Geofoam blocks must not be used structurally to resist loads except as provided for in Sections 5.8.2 and 5.8.3 of attached ICC-ES evaluation report, ESR-1006.
4. The interior of the building must be separated from the geofoam blocks with a thermal barrier as required by Section 2603.4 of the 2014 Los Angeles Building Code, except when installation is in accordance with Section 5.8.1 of the attached ICC-ES evaluation report, ESR-1006.
5. New roofing shall not be applied over existing roofing. Additional EPS foam may be added over the existing EPS foam per section 4.4.4 of the attached ICC-ES evaluation report, ESR-1006.
6. The insulation boards must be separated from the building interior with a thermal barrier complying with applicable code except as described in Sections 4.2.2, 4.4, and 4.7 of the attached ICC-ES evaluation report, ESR-1006.
7. Exterior walls must be protected by a water-resistive barrier complying with Section 1404.2 of the 2014 Los Angeles Building Code or Section R703.2 of the 2014 Los Angeles Residential Code and by wall coverings that provide the necessary structural resistance to wind and seismic forces in spanning between wall framing members.
8. In areas where the probability of termite infestation is defined as “very heavy”, the foam plastic must be installed in accordance with Section 2603.9 of the 2014 Los Angeles Building Code or Section R318.4 of the 2014 Los Angeles Residential Code, except as permitted for Foam-Control Perform Guard EPS in Section 4.5 or for Foam-Control Perform Guard EPS2 in Section 4.6 of the attached ICC-ESR evaluation report, ESR-1006.
9. The insulation boards must be part of a Class A, B, or C roof covering system as described in Section 4.4 of attached ICC-ES evaluation report, ESR-1006. The insulation boards may be installed without a thermal barrier as addressed in Section 2603.4.1.5 of the 2014 Los Angeles Building Code.
10. Design calculations and details for the specific applications must be submitted to the Structural Plan Check Division for review and approval. The calculations and details must be prepared by a registered civil or structural engineer licensed in the State of California.
11. Penetrations through the thermal barrier described in Section 5.8.1 of the attached ICC-ES evaluation report, ESR-1006 shall be subject to approval by the Structural Plan Check Division. When the geofoam blocks are used in a fire-resistance-rated floor assembly, penetrations through the assembly must be protected in accordance with Section 714.4 of the 2014 Los Angeles Building Code.
12. The Foam-Control® products are identified and marked as noted in Section 7.0 of attached ICC-ES evaluation report.

AFM Corporation

Re: Foam-Control® Boards, Foam-Control® with Perform Guard® Boards and Foam-Control® with Perform Guard² Boards and Foam-Control® Geofoam Blocks

DISCUSSION

The report is in compliance with the 2014 City of Los Angeles Building Code.

The approval is based on tests and analysis in accordance with ICC ES Acceptance Criteria for Foam Plastic Insulation (AC12), approved June 2012, editorially revised August 2013; Termite Resistant Foam Plastics (AC239), approved October 2008, editorially revised February 2014; Rigid Cellular Polystyrene (AC452), approved October 2013.

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 will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revisions to the report must be submitted to this Department, with appropriate fee, for review in order to continue the approval of the revised report.

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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Attachment: ICC Report No. ESR-1006 (6 Pages)