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RESEARCH REPORT: RR 24868
(CSI # 07 42 43)

BASED UPON ICC- ES EVALUATION
SERVICE REPORT NO. ESR-1185

REEVALUATION DUE
DATE: April 1, 2020
Issued Date: March 1, 2018
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation/Clerical Modification – Alucobond® Plus Exterior Wall Panels

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- 1185, reissued February 1, 2018, of the ICC-ES Evaluation Services, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The parts of Evaluation Report No ESR-1185 marked by the asterisks are deleted or revised by the Los Angeles Building Department from this approval.

The approval is subject to the following conditions:

1. The design of the Alucobond® Plus Exterior Wall Panel system connectors, connections, and curtain wall framing members shall be submitted to the structural plan check section for each project. Calculations and detail drawings shall be designed by a California registered civil or structural engineer or architect. The calculations and detail shall include the design of the structural silicone sealant between the panel and the aluminum extrusion, design of the aluminum extrusions, connections, and supporting elements.

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2. The Alucobond® Plus Exterior Wall Panels shall not be installed where the exterior wall is required to have a fire resistive rating, except as allowed by section 5.7 of the attached ICC-ES evaluation report.
3. A water-resistive barrier shall be provided in accordance with Section 1404.2 of the Los Angeles City Building Code prior to the installation of the exterior wall panels.
4. Weather protection shall be provided for joints and panel edges with a sealant which is approved for exterior weather protection by a current Los Angeles City Research Report or ICC-ES Evaluation Report.
5. Alucobond® Plus Exterior Wall Panels, when using the continuous rout and return method of attachment as specified in paragraph 3.2.2 and Figure 4 or the continuous edge grip method of attachment as specified in paragraphs 3.2.3 of the attached ICC-ES evaluation report, may be installed on building of Type I, II, III, or IV construction, where exterior walls are required to be noncombustible materials, in accordance with Section 1407.10.1 and 1407.10.2 of the 2017 Los Angeles Building Code, provided the exterior wall is not required to have a fire resistive rating.
6. Alucobond® Plus Exterior Wall Panels using the rout and return with clips method of attachment as specified in paragraphs 3.2.1 of the attached ICC-ES evaluation report, may be installed on building of Type I, II, III, or IV construction, where exterior walls are required to be noncombustible materials, in accordance with Section 1407.11.1 or 1407.11.2 of the 2017 Los Angeles Building Code, provided the exterior wall is not required to have a fire resistive rating.
7. When installed in accordance with 1407.11.2 of the Los Angeles Building Code, sections of the Alucobond® Plus Exterior Wall Panels shall not exceed 300 square feet in area and shall be separated by a minimum of 4-ft. vertically.
8. Structural silicone sealant used between the panel and the aluminum extrusion must be approved by a current Los Angeles City Research Report.
9. Panels shall be fabricated in the shop of a licensed fabricator approved by the Los Angeles City Building Department.

DISCUSSION

The Clerical Modification is to update the report to the 2017 City of Los Angeles Building Code.

The report is in compliance with the 2017 City of Los Angeles Building Code.

The approval is based on ICC-ES Acceptance Criteria- AC25 and ASTM E84 including tests in accordance with NFPA 285 and ASTM D 1929

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

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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Attachment: ICC ES Report No. ESR-1185 (7 Pages)