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Mitsubishi Plastics Composites America, Inc.
401 Volvo Parkway
Chesapeake, VA 23320

RESEARCH REPORT: RR 26008
(CSI #03770)

BASED UPON ICC-ES EVALUATION
REPORT NO. ESR-2653

Attention: Jim Moses
(757) 548-7843

Expires: August 1, 2022
Issued Date: September 20, 2020
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation and Clerical Modification - Alpollic®/fr wall panels

DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification of Evaluation Report No. ESR-2653, reissued September, 2020 of the ICC-ES Evaluation Services, Incorporated. The report, in its entirety, is attached and made part of this general approval.

Alpollic®/fr wall panels are aluminum composite panels used as nonload-bearing exterior wall panels and as an interior wall finish.

The approval is subject to the following conditions:

1. The products shall be delivered to the job site in sealed containers properly identified with the manufacturer's name and trade name of the products.
2. The Alpollic®/fr wall panels must be installed per the manufacturer's instructions, the attached ICC-ES Evaluation Report and approved plans.
3. If there are any conflicts with the manufacturer's instructions and the attached ICC-ES Evaluation Report, the latter governs.

26008
Page 1 of 3

Mitsubishi Plastics Composites America, Inc.

RE: Alpolic®/fr wall panels

4. A copy of the manufacturer's published installation instructions must be strictly adhered to, and a copy of the manufacturer's instructions must be available at all times on the jobsite during installation.
5. The Alpolic®/fr wall panel requires the materials supplied by the MCM systems fabricator specified in section 3.2 of the attached ICC ES Report No. ESR-2653.
6. Transverse loads for the Alpolic®/fr panels may not exceed the maximum allowable loads specified in section 4.1 of the attached ICC ES Report No. ESR-2653.
7. For installation on exterior walls of Type I, II, III, or IV construction, the Alpolic®/fr wall panels must be installed as a component of exterior wall assemblies constructed in accordance to section 4.3 of the attached ICC ES Report No. ESR-2653.
8. For installation on exterior fire-resistance-rated walls, the wall assemblies must be constructed in accordance with Section 4.5 of the attached ICC ES Report No. ESR-2653.
9. Alpolic®/fr wall panels are permitted on the outer face of a fire-resistance-rated exterior wall assembly provided the panel assembly attachments do not penetrate through the entire exterior wall assembly.
10. A water-resistive barrier, flashing, drainage and weather tightness of the wall cladding system must be provided behind the Alpolic®/fr wall panels and comply and be installed in accordance with the 2017 LABC.
11. The MCM system fabricator must provide a certificate of compliance to the code official attesting that the MCM system fabrication includes the use of adhesives approved for use, that the adhesive application complies with the adhesive manufacturer's installation guidelines, and that the MCM system fabrication complies with approved construction documents. Additionally, should the use of adhesives extend beyond the installation of stiffeners to the back of the panels for the purpose of increasing panel stiffness only, special inspections are required in accordance with the 2017 LABC.
12. The design of the structural support system and panel connections to their supporting mounting bars provided by the MCM systems fabricator are beyond the scope of this report.

Mitsubishi Plastics Composites America, Inc.

RE: Alpollic®/fr wall panels

DISCUSSION

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

The Alpollic®/fr wall panels have a flame spread index of not more than 25 and a smoke-developed index of not more than 450.

The allowable transverse load capacity for the MCM system, including the panels' screw attachment to stiffeners and the panels' interlock with the mounting bar/retainer clip assembly is beyond the scope of this report.

The design of the structural support system (building framing, panel mounting hardware, attachment accessories, and silicone adhesive) and panel connections to their supporting mounting bars provided by the MCM systems fabricator are beyond the scope of this report.

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.

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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Attachment: ICC ES Report No. ESR-2653 (7 Pages)