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RESEARCH REPORT: RR 25473
(CSI # 07420)

BASED UPON ICC EVALUATION
REPORT NO. ESR-1687

Expires: June 1, 2017
Issued Date: June 1, 2015
Code: 2014 LABC

GENERAL APPROVAL – Renewal/Clerical Modification- Trespa Meteon® FR Composite Wall Panels

DETAILS

Trespa Meteon® FR Composite Wall Panels approved when in compliance with the use, description, design, installation, conditions of use, and identification of Evaluation Report No. ESR-1687, reissued February 1, 2014 of the ICC-ES Evaluation Services, Incorporated, the report, in its entirety, is attached and made part of this general approval.

The approval is subject to the following:

1. Trespa Meteon® FR Composite Wall Panel is a homogeneous panel composed of wood fibers and thermosetting resins with an integrated decorative surface.
2. Trespa Meteon FR 8mm, 10mm and 13mm Composite Panels can be used as non-bearing, non-combustible exterior walls.
3. One-hour Fire-resistive Assembly:
 - a) The frame is made of 25 GA 3-5/8" galvanized steel studs spaced 24" o.c. and attached to top and bottom 25 GA galvanized runners with No. 7 x 7/16" pan framing screws on each side.

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- b) The interior side of the wall is clad with a single layer of 5/8" type X gypsum wallboard, installs vertically with 1" type S drywall screws at 8" o.c. along the vertical edges and 12" o.c. to the top and bottom runners and intermediate studs. Applies paper tape and drywall grout over all joints and drywall grout over all the exposed screw heads.
- c) The exterior side of the wall is clad with a single layer of National Gypsum Company's 5/8" Gold Bond Fire-shield Sheathing, installs horizontally with 1" type S drywall screws at 8" o.c. along vertical edges and 12" o.c. to the top and bottom runners and intermediate studs. All vertical and horizontal joints are staggered 24" o.c. from the opposite side.
- d) Aluminum "J" and "hat" channels are fastened 24" o.c. to the studs for attachment of the composite panel system. The "hat" channels are attached to the two innermost studs and "J" channels are fastened to the rest of the studs with 1-1/4" long self-drilling drywall screws at 12" o.c.
- e) The composite panels shall be labeled for core composition and thickness.

The approval is subject to the following conditions:

1. Complete engineering design and calculations for panel connection to framing shall be designed by a California registered civil or structural engineer or architect, signed, and submitted to the Structural Plan Check.
2. Identification: The panels are identified by a label noting the manufacturer's name and address, product name, thickness, flame-spread index and name of the quality control agency.
3. Panels support or resist no loads other than transverse wind loads.
4. A weather-resistive barrier shall be installed behind the panels in accordance with Section 1403 of the 2014 City of Los Angeles Building Code.
5. The panels shall have a flame-spread index (FSI) of 25 or less, a smoke-developed index (SDI) of 450 or less and a self-ignition temperature greater than 650 °F when tested in accordance with ASTM Standard D1929.

DISCUSSION

The Clerical Modification is to change the Contact person, Address and telephone number.

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

The approval is based on tests.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of the 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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