Multicoat Corporation
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RESEARCH REPORT: RR 26083
(CSI #05310)

BASED UPON IAPMO EVALUATION
REPORT NO. ER- 395

REEVALUATION DUE
DATE: April 1, 2020
Issued date: December 1, 2018
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation – Multicoat Corporation Metal Lathe Cementitious Coating System for use on above grade decks.

DETAILS

The above assemblies and/or products are approved when in compliance with the recognition, limitations, use, description, installation, and identification in Evaluation Report No. ER-395, issued May 5, 2016, revised May 31, 2018, of the IAPMO Evaluation Services, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The system has a Class-A fire classification, when tested in accordance with ASTM E108, and installed in accordance with Section 4.0 of ER-395.

The approval is subject to the following conditions:

1. The Metal Lathe Waterproofing System shall be installed in accordance with Section 4.2 of ER-395, the manufacturer's published installation instructions, the applicable code, and this report. In the event of a conflict this report governs.

2. The Metal Lathe Waterproofing System shall be installed on slopes not less than one unit vertical in 48-units horizontal (2-percent slope).

3. The maximum allowable wind loads are limited by the capacity of the deck construction. The decking must be designed to withstand wind pressures determined in accordance with Section 1609.5.1 of the IBC.

4. The supporting structure must be designed to support the loads and is beyond the scope of this report.

5. Liquid components shall be applied when the ambient temperature is between 55°F and 90°F (13°C and 32°C) and the relative humidity is between 43 and 82 percent. Liquid materials shall not be applied when rain or precipitation is expected or occurring. Substrates and all coating surfaces shall be structurally sound, clean, dry, and sloped no less than 2-percent.

6. Wood based substrates shall be minimum nominal 5/8-inch (15.9 mm) thick.

7. Damaged areas must be cleared of all existing material and replaced in the manner described in Section 4.2 of ER-395. In the event of damaged substrates, the fire classification and strength properties must be investigated and the results submitted to the Department of Building and Safety Research Section.

DISCUSSION

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

The approval is based on tests and analysis in accordance with ICC-ES Acceptance Criteria for Walking Decks (AC39) dated April 2011 (revised January 2013), and ASTM E108.

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: IAPMO Evaluation Report No. 395 (2 pages)