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RESEARCH REPORT: RR 24842

BASED UPON ICC EVALUATION SERVICE
ES REPORT NO. ESR- 2245

REEVALUATION DUE DATE:

April 1, 2010

Issued date: April 1, 2009

Code: 2008 LABC

GENERAL APPROVAL – Enduro-Kote and Enduro-Flex Kote walking deck and roof covering systems.

DETAILS

The above assemblies and/or products are approved when in compliance with the description, use, identification and findings of Report No. ESR-2245, dated January 1, 2008, of the ICC Evaluation Service, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The part of Report No. ESR-2245 marked by the asterisks are modified by the Los Angeles City Building Department from this approval.

The approval is subject to the following conditions:

1. For wood framed, Type V construction, all reroofing and new construction, including additions, the roof covering shall be installed over a minimum $\frac{5}{8}$ -inch exterior grade plywood with all joints blocked.
2. All substrates must comply with the requirements of the applicable code. The walking deck and roof covering system structures shall be designed by an engineer or architect licensed in the State of California and approved by the structural plan check engineer.

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3. One-hour Fire-resistance-rated Construction: The 1/4-inch (6.4 mm) Enduro-Kote system, installed in accordance with Section 4.2 of the ESR-2245, with minimum nominally 2-by-8 joists spaced at 16 inches (406 mm) on center, may be substituted for the double wood floor described in IBC Table 720.1(3), Assembly 13. When installed over nominally 2-by-8 joists, the design bending stress assigned to the joists must be limited to 78 percent of the code-prescribed design values.
4. Deck slope shall be specified on the approved plans. When the Enduro-Kote system is installed as described in Section 4.2 of the ERS-2245 at a roof slope of 1/4-inch per 1 foot (2 percent slope), the system has a Class A roof classification.
5. All slider and door thresholds, jambs, posts, scuppers and fascia shall have metal flashing in accordance with the 2008 City of Los Angeles Building Code.
6. Installation of the Enduro-Kote and Enduro-Flex Kote must be in accordance with the manufacturer's published installation instructions, the applicable code and ICC-ES ESR-2245.

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DISCUSSION

The approval is based on tests in accordance with ASTM E119 and ICC ES AC 39.

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-2245 (3 Pages)