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RESEARCH REPORT: RR 26034
(CSI #03 16 00, 05 05 19)

BASED UPON ICC-ES EVALUATION
REPORT NO. ESR-3770

REEVALUATION DUE

DATE: April 1, 2019

Issued Date: August 1, 2017

Code: 2017 LABC

GENERAL APPROVAL – Technical Modification - Ultrabond 365CC Adhesive Anchoring System for Cracked and Uncracked Concrete

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. 3770, reissued August 2017, of the ICC-ES Evaluation Services, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The parts of the ES Report, ESR-3770, which are excluded on the attached copy have been removed by the Los Angeles Building Department as not being included in this approval.

The approval is subject to the following conditions:

1. The design information listed in the attached report and tables are valid for the anchor only. Connected members shall be checked for their capacity (which may govern).
2. The anchors shall be identified by labels on the packaging indicating the manufacturer's name and product designation.

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3. Design information, edge distance, spacing and minimum embedment requirements shall be per Tables in ICC-ES Report No. ESR-3770.
4. Use of M8 and Ø8 metric diameter steel threaded rods and reinforcing bars are not approved for use to resist short term (wind and seismic) tension and shear loads.
5. Horizontal and overhead installation of 1-1/4” threaded rods, #10 rebar and Ø32 metric rebar are beyond the scope of this approval.
6. Special inspection in accordance with Section 1705.3 of the 2017 Los Angeles City Building Code and Section 4.3 of the attached ESR-3770 shall be provided for anchor installations.
7. The anchors shall be installed per manufacturer’s instructions except as otherwise stated in this report. Copies of the installation instructions shall be available at each job site.
8. The adhesive anchors shall not be used to support fire-resistive construction, except when meeting the conditions set in Sec.5.12 of ICC-ES Report No. ESR-3770.
9. Minimum concrete cover per Chapter 26 of the ACI 318-14 shall be provided whenever applicable.
10. The anchors are not approved for reinforced or unreinforced masonry walls.

DISCUSSION

The technical modification is to recognize portions of ESR-3770, previously stricken from this general approval, with test data and analysis now on file with the Building Research Section.

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

The approval is based on tests and analyses in accordance with ICC-ES AC 308, dated September 2014.

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.

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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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Attachments: ICC-ES Evaluation Report No. ESR-3770 (26 Pages).