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CALIFORNIA



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Decon USA, Inc.
11 Professional Village Circle
Beaufort, SC 29907

Attn: Neil Hammill
(843) 525-1860

RESEARCH REPORT: RR 25395
(CSI # 03210)

BASED UPON ICC EVALUATION SERVICE
REPORT NO. ESR-2494

REEVALUATION DUE

DATE: February 1, 2018

Issued Date: February 1, 2016

Code: 2014 LABC

DEPARTMENT OF
BUILDING AND SAFETY

201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

—

RAYMOND S. CHAN, C.E., S.E.

GENERAL MANAGER

FRANK BUSH

EXECUTIVE OFFICER

—

GENERAL APPROVAL – Reevaluation - Decon studrails as shear reinforcement for flat concrete slabs.

DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification of Report No. ESR-2494 and dated September 1, 2015 of the ICC Evaluation Service, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The approval is subject to the following conditions:

1. The structural design of Decon Studrails shall be in accordance with ACI 318-11 Section 11.11.5
2. Headed Studs and Headed stub assemblies shall conform to ASTM A1044 as specified in ACI 318-11 Section 3.5.5.1.
3. Complete design and calculation shall be prepared by an engineer licensed in the State of California and approved by the structural plan check.
4. Fabrication of Decon Studrails shall be in a shop of a fabricator licensed by the City of Los Angeles Building & Safety Department, in accordance with the Manufacture's Standards submitted to the Department.

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Decon, Inc.

RE: Decon Studrails as shear reinforcement for flat concrete slabs

5. Continuous inspection by Deputy Inspectors shall be provided for field welding, verifying identification of the studrail and its condition, positioning clearances and concrete cover. Studs shall be welded to the rails in conformance with AWS D1.1

DISCUSSION

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

The approval is based on reports of structural tests and analyses, reports of weld base qualification tests, calculations and quality and design manual.

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.

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.

QUAN NGHIEM, Chief
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Attachment: ICC ES Report No. ESR-2494 (3 Pages)