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RESEARCH REPORT: RR 26168
(CSI #05520)

Expires: February 1, 2020
Issued Date: February 1, 2019
Code: 2017 LABC

GENERAL APPROVAL – General Approval – SikaGlaze® GG-735 Grout Application for Glass Rail and Balustrade Embedment

DETAILS

SikaGlaze® GG-735 is a self-leveling, two part polyurethane grout used for embedding monolithic or laminated glass panes into a support frame or concrete joints. The SikaGlaze® GG-735 grout is suitable for indoor and outdoor applications. Outdoor applications of grout shall be protected by a manufacturer-approved sealant.

The approval is subject to the following conditions:

1. The handling, mixing and application of SikaGlaze® GG-735 grout components shall be in accordance with the manufacturer published installation instructions, a copy of which shall be available at the jobsite.
2. The surface to which SikaGlaze® GG-735 grout will be applied shall be treated as recommended by the manufacturer.
3. SikaGlaze® GG-735 grout shall be applied with a minimum thickness of 0.4 inches.
4. SikaGlaze® GG-735 shall be delivered to the jobsite in sealed containers identified by the product name and manufacturer. The date of production shall be marked on each container. No solvents shall be used with the product.
5. SikaGlaze® GG-735 grout product containers shall be stored in a cool dry place. Once the containers are opened, the contents shall be protected against humidity.

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6. The embedded depth of glass shall be a minimum of H/10 (H = Height of glass pane) or as determined by design professional, but shall not exceed 6 inches when using SikaGlaze® GG-735 grout unless approved by the manufacturer (Sika).
7. The connection of the support frame (shoe) to the supporting structure is beyond the scope of this approval and shall be designed for each installation. Plans and calculations bearing the stamp and signature of a licensed engineer or architect, registered in the State of California, shall be submitted to the Structural Plan Check Division for review and approval.
8. SikaGlaze® GG-735 grout components is manufactured by Sika Corporation under quality control inspections by Swiss Association for Quality Management Systems.

DISCUSSION:

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

The approval is based on test data and quality control plan on file with the Engineering Research Section.

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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