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ICC-ES Legacy Report

NER-671

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Reissued 06/2019

This report is subject to renewal 06/2020.

DIVISION: 09 00 00—FINISHES

SECTION: 09 30 00—TILING

REPORT HOLDER:

LATICRETE INTERNATIONAL, INC.

EVALUATION SUBJECT:

LATAPOXY 310 STONE ADHESIVE



“2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence”



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A Subsidiary of the International Code Council®

Legacy report on the 2000 *International Building Code*®, the 2002 *Accumulative Supplement to the International Codes*™, the 2000 *International Residential Code*® for *One-and Two-Family Dwellings*, the BOCA® *National Building Code/1999*, the 1999 *Standard Building Code*®, the 1997 *Uniform Building Code*™ and the 1998 *International One-and Two-Family Dwelling Code*®

DIVISION 09—FINISHES

Section 09305—Tile Setting Materials and Accessories

LATICRETE INTERNATIONAL, INC.

1.0 SUBJECT

- 1.1 Latapoxy 310 Standard Stone Adhesive
- 1.2 Latapoxy 310 Rapid Stone Adhesive

2.0 PROPERTY FOR WHICH EVALUATION IS SOUGHT

Adhesive for Adhered Masonry Veneer

3.0 DESCRIPTION

Latapoxy 310 Standard and Latapoxy 310 Rapid Stone Adhesives are two component high strength, thixotropic epoxy adhesives intended to bond nonloadbearing adhered veneers to vertical surfaces of exterior and interior walls and as an alternative to Type S mortar. The adhesives are used for bonding marble, granite, limestone and ceramic mosaic tile to plywood, cement backer board, concrete and masonry block. For exterior applications, the use of Latapoxy 310 surface bond adhesives shall be limited to use over concrete or masonry substrates.

4.0 INSTALLATION

Laticrete International, Inc.'s manufacturer's published installation instructions titled *Latapoxy 310 Stone Adhesive*, rev. dated January 2002, shall be available at the job site. Latapoxy 310 Standard Stone Adhesive and Latapoxy 310 Rapid Stone Adhesive shall be installed in accordance with this report.

Bonding surfaces shall be flat, solid, dry and clean of any dust, oil, grease, frost, paint, curing agents and any other contaminant prior to application of the adhesive. Surfaces treated with form release agents or other bond inhibiting contaminants shall be mechanically scarified.

A 1/8 inch (3.2 mm) minimum thickness of adhesive shall be applied to the veneer substrate using spot bonding. Latapoxy 310 Rapid version shall be used within 3 to 5 minutes of mixing at 70°F (21°C). Latapoxy 310

Standard version shall be used within 30 to 45 minutes of mixing at 70°F (21°C). To achieve adhesion, the veneers shall be pressed into place in accordance with the manufacturer's instructions.

5.0 IDENTIFICATION

Containers of Latapoxy 310 Standard Stone Adhesive and Latapoxy 310 Rapid Stone Adhesive as described in this report, shall be identified by a label bearing the manufacturer's name, address, product name and this ICC-ES legacy report number.

6.0 EVIDENCE SUBMITTED

- 6.1 Tile Council of America, Inc., Report No. TCA-179-01, dated February 25, 2002, containing results of physical testing of Latapoxy 310 Standard Stone Adhesive, Latapoxy 310 Rapid Stone Adhesive and Latapoxy 314 Damproofing Coating.
- 6.2 Letter report from Tile Council of America, Inc., dated January 13, 2003, containing results of heat exposure testing of Latapoxy 310 Standard Stone Adhesive and Latapoxy 310 Rapid Stone Adhesive.
- 6.3 Manufacturer's published installation instructions titled *Latapoxy 310 Stone Adhesive*, rev. dated January 2002.
- 6.4 Manufacturer's published data sheet titled *Latapoxy 310 Stone Adhesive*, rev. dated March 11, 2002.
- 6.5 Manufacturer's published data sheet titled *Latapoxy 310 Rapid Stone Adhesive*, rev. dated March 11, 2002.

7.0 CONDITIONS OF USE

The ICC-ES Subcommittee for National Evaluation Service finds that Latapoxy 310 Standard and Latapoxy 310 Rapid Stone Adhesives as described in this report comply with or are a suitable alternative to that specified in the 2000 *International Building Code*® with the 2002 *Accumulative Supplement to the International Codes*™, the 2000 *International Residential Code*® for *One-and*

Two-Family Dwellings, BOCA® *National Building Code/1999*, the 1999 *Standard Building Code*®, the 1997 *Uniform Building Code*™ and the 1998 *International One- and Two-Family Dwelling Code*® subject to the following conditions:

- 7.1 The adhesive shall be used and applied in accordance with this report and the manufacturer's published installation instructions referenced herein. Where manufacturer's instructions differ from this report, this report shall be null and void.
- 7.2 The adhesive applications shall be limited to the substrates and veneers specifically recognized in Section 3.0 of this evaluation report. The substrate materials shall comply with the applicable provisions in the applicable code.
- 7.3 Veneer units to be bonded shall comply with the requirements of the applicable code.
- 7.4 Installation of the adhesives as a component of fire-resistance-rated assemblies is outside the scope of this report.
- 7.5 The adhesives shall not be installed when the surface temperature is 40°F (5°C) or less or 95°F (35°C) or more.
- 7.6 Sealants, control joints and expansion joints used with the Latapoxy 310 adhesives are outside the scope of this report.
- 7.7 Latapoxy 310 Standard and Rapid Stone Adhesive shall be limited to use as an adhesive for interior and exterior adhered masonry veneer where such an interior and exterior finish is permitted to be combustible material in accordance with the applicable code.
- 7.8 This report is subject to periodic re-examination. For information on the current status of this report contact the ICC-ES.
- 7.9 The report holder's contact information is the following:
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