



PRODUCT TESTING SERVICE

100 Clemson Research Blvd. Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2821

TCNA TEST REPORT NUMBER: TCNA-089-08

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TEST REQUESTED BY: Laticrete International, Inc.
Attn: Rosi Rooshenas
91 Amity Rd.
Bethany, CT 06524

TEST SUBJECT MATERIAL: Identified by client as: Laticrete 125 Sound and
Crack Adhesive

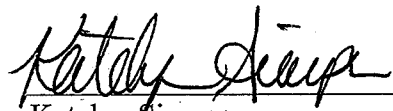
TEST DATE: 2/21/08-2/22/08

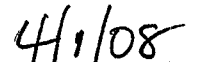
TEST PROCEDURE: ASTM C627: "Standard Test Method for Evaluating
Ceramic Floor Tile Installation Systems Using the
Robinson-Type Floor Tester"

Materials:

A thin-set installation over a concrete base was prepared using the following materials:

- 1) A 42" x 42" x 2" concrete base with a steel trowel finish
- 2) Laticrete 125 Sound and Crack Adhesive
- 3) 12" x 12" Crossville porcelain tiles with 1/4" grout joints
- 4) Laticrete SpectraLOCK epoxy grout


Katelyn Simpson
Laboratory Engineer


Date



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Tile and Grout:

Laticrete 125 Sound and Crack Adhesive was mixed per the manufacturer's instructions. The mortar was troweled over the concrete base with a 1/4" x 3/8" square-notched trowel. The thin-set mortar was first keyed-in with the flat side of the trowel and then combed with the notched side to form parallel ridges. The 12" x 12" Crossville porcelain tiles were set in the thin-set by pressing down and sliding the tile in a direction perpendicular to the combed ridges. A beat-in block and rubber mallet were used to reduce lippage between tiles. After the tiles were installed, the thin-set was allowed to cure for 24 hours before grouting.

Laticrete SpectraLOCK epoxy grout, mixed per the manufacturer's instructions, was forced into the 1/4" grout joints with a rubber float. Excess grout was removed with the edge of the float. The grout was allowed to set up for approximately 20 minutes before the installation was cleaned with a sponge and water. The grouted installation was subsequently allowed to cure for 20 days.

At the end of the cure period, the installation was subjected to load cycling as defined in ASTM C-627.


TEST RESULTS:

The installation completed fourteen cycles (steel wheels, three hundred pounds per wheel) with no evidence of damage to the tiles or grout joints. *

* All evaluation criteria were based on 8 tiles and 8 grout joints in the wheel path of the Robinson-Type Floor Tester.

CONCLUSION:

In accordance with the Performance-Level Requirement Guide of the 2008 *TCA Handbook for Ceramic Tile Installation*, page 16, the installation is classified as "EXTRA HEAVY" for "extra heavy and high-impact use in food plants, dairies, breweries, and kitchens".


Katelyn Simpson
Laboratory Engineer

4/1/08
Date