



PRODUCT TESTING SERVICES

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TCNA TEST REPORT NUMBER: TCNA-324-09 PAGE: 1 OF 1

TEST REQUESTED BY: FLEXTHERM INC.
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Longueuil, Québec J4G 1G1
Canada

TEST SUBJECT MATERIAL: Identified by client as: FLEXSNAP™

TEST DATE: 8/14/09-8/17/09

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 47 ½" x 49 ½" plywood base was prepared using the following materials:

- 1) APA rated "Exposure 1" Tongue and Groove plywood subfloor; 19/32" thick
- 2) ANSI A118.11 Polymer Modified mortar
- 3) FLEXSNAP™
- 4) 13" x 13" x ¼" ceramic tiles (1/8" to 5/16" grout joint)
- 5) ANSI A118.7 Fast Setting Polymer Modified grout

Base, underlayment, tile, and grout:

The 16" on center floor system was installed by client prior to shipping to Tile Council of North America for testing.

TEST RESULTS:

The installation completed fourteen cycles with no evidence of damage to the tiles or grout joints. The max deflection of the plywood subfloor during cycling was approximately 0.037".

*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 2009 TCA Handbook for Ceramic Tile Installation (page 15), the installation is classified "EXTRA HEAVY" for "extra heavy and high-impact use in food plants, dairies, breweries, and kitchens".


Katelyn Simpson
Laboratory Manager

8/24/09
Date