



PRODUCT TESTING SERVICES

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TCNA TEST REPORT NUMBER: TCNA-280-10

PAGE: 1 OF 1

TEST REQUESTED BY: Quarry Tile Co.
Attn: Dirk Elliot
6328 E. Utah Ave
Spokane, WA 99212

TEST SUBJECT MATERIAL: Identified by client as: Quarry Tile Natural Hues

TEST DATE: 8/18/10

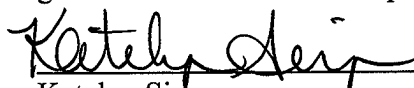
TEST PROCEDURE: ASTM C648: "Standard Test Method for Breaking Strength of Ceramic Tile"
-Ten whole glazed tiles were tested.
-The tiles were loaded at a rate of 1000 pounds per minute.
-A three-inch equilateral triangular support was used to hold the tiles during loading..
-Testing was performed on an Instron Universal Tester, model #3385-H

TEST RESULTS: The average breaking strength of ten (10) tiles was: 341 lbf.

The individual results of breaking strength are as follows:

Specimen 1: 352 lbf
Specimen 2: 304 lbf
Specimen 3: 362 lbf
Specimen 4: 346 lbf
Specimen 5: 341 lbf
Specimen 6: 322 lbf
Specimen 7: 322 lbf
Specimen 8: 325 lbf
Specimen 9: 382 lbf
Specimen 10: 350 lbf

[The ANSI A137.1 Specification for Pressed Floor Tile states: "the average breaking strength shall be 250 lbf or greater with no individual specimen below 225 lbf."]


Katelyn Simpson
Laboratory Manager

8/24/10
Date