



PRODUCT TESTING SERVICES

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TCNA TEST REPORT NUMBER: TCNA-278-10

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TEST REQUESTED BY: Royal Mosa
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The Netherlands

TEST SUBJECT MATERIAL: Identified by client as: Romain – Terra/Greys/Beige & Brown/Global Quartz


TEST DATE: 8/18/10-8/20/10

TEST PROCEDURE: ASTM C1378: "Determination of Resistance to Staining"
-One unglazed tile specimen cut to minimum 2" x 2" was tested for each test solution.
-The specimens were exposed to the test solutions for 24 hrs. at 74°F.
-**Cleaning procedure A: running hot water 5 min.**
-**Cleaning procedure B: hand cleaning w/ weak cleaner**
-**Cleaning procedure C: mechanical cleaning w/ strong cleaner**
-**Cleaning procedure D: 24hr. Immersion in suitable solvent (3% HCl, 20%KOH, Acetone)**

TEST RESULTS:

Staining Agent	Visual Test (Affected?)	Cleaning Procedure
Contrasting Grout	NO	C
Carbon Lamp Black	NO	C
Waterproof Ink (Black)	NO	C
Washable Ink	NO	C
Potassium Permanganate Solution, 1%	NO	D
Methylene Blue Solution, 1%	NO	D

According to ANSI A137.1-2008, the subject tile received a **Class A** classification.


Katelyn Simpson
Laboratory Manager

8/20/10
Date