



# PRODUCT TESTING SERVICES

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TCNA TEST REPORT NUMBER: TCNA-313-10

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TEST REQUESTED BY: Technistone, a. s.  
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Czech Republic

TEST SUBJECT MATERIAL: Identified by client as: Classic Ice


TEST DATE: 9/13/10-9/15/10

TEST PROCEDURE: ASTM C650: "Resistance of Ceramic Tile to Chemical Substances"  
-One 2" x 2" unglazed specimen was tested for each test solution.  
-The specimens were exposed to the test solutions for 24 hrs. at 74°F.

## TEST RESULTS:

Test Solution	Visual Test (Affected?)	Pencil Test (Affected?)
<b>Common Household and Cleaning Chemicals</b>		
Acetic acid, 3% (v/v)	NO	NO
Acetic acid, 10% (v/v)	NO	NO
Ammonium chloride, 100 g/L	NO	NO
Citric acid solution, 30 g/L	NO	NO
Citric acid solution, 100 g/L	NO	NO
Lactic acid, 5% (v/v)	NO	NO
Phosphoric acid, 3% (v/v)	NO	NO
Phosphoric acid, 10% (v/v)	NO	NO
Sulfamic acid, 30 g/L	NO	NO
Sulfamic acid, 100 g/L	NO	NO
<b>Swimming Pool Chemicals</b>		
Sodium hypochlorite solution, 20 mg/L	NO	NO
<b>Acids and Bases</b>		
Hydrochloric acid solution, 3% (v/v)	NO	NO
Hydrochloric acid solution, 18% (v/v)	NO	NO
Potassium hydroxide, 30 g/L	YES	N/A
Potassium hydroxide, 100 g/L	YES	N/A

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

  
Katelyn Simpson  
Laboratory Manager

  
Date

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