



## Abrasion Resistance - Coated With Glass Fusion™

TCA TEST REPORT NUMBER: TCA-145-04

TEST SUBJECT MATERIAL: Identified by client as Coated

TEST PROCEDURE: ASTM C1027: "Standard Test Method for Determining Visible Abrasion Resistance of Glaze Ceramic Tile"

4x4 inch specimens were cut from individual tiles

A Gabbrielli Abrasimeter W1 was used to abrade the tile

10% Hydrochloric acid was used to remove any metal oxide staining.

TEST RESULTS: There was an apparent visual difference in gloss or color after **6000** revolutions when viewed in the viewing box by more than one technician. Thus, in accordance with the test procedure, the subject tile is given a **Class 4**

## Abrasion Resistance - Uncoated

TCA TEST REPORT NUMBER: TCA-145-04

TEST SUBJECT MATERIAL: Identified by client as Uncoated

TEST PROCEDURE: ASTM C1027: "Standard Test Method for Determining Visible Abrasion Resistance of Glaze Ceramic Tile"

4x4 inch specimens were cut from individual tiles

A Gabbrielli Abrasimeter W1 was used to abrade the tile

10% Hydrochloric acid was used to remove any metal oxide staining.

TEST RESULTS: There was an apparent visual difference in gloss or color after **2100** revolutions when viewed in the viewing box by more than one technician. Thus, in accordance with the test procedure, the subject tile is given a **Class 4**

## Test Result Summary

Test results compare abrasion resistance. Glass Fusion™ is 65% more abrasion resistant than the ceramic tile tested.