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TTMAC REPORT NUMBER: ETS004-2022

TEST REQUESTED BY: Enmon
Goran Glogovac

MATERIAL TESTED: Techstone White Matte
12 x 24"

TEST DATE: Oct 9 2022

TEST PROCEDURE:

ANSI A137.1 Section 9.6.1 "Wet Dynamic Coefficient of Friction" (DCOF)
Three (3) pieces of tile were tested in all four directions.
The SBR sensor was verified using a standard tile prior to testing.
Testing was performed under wet conditions using 0.05 SLS water. Testing was conducted under laboratory conditions at approximately 72 °F ± 5% or 21° ± 1% C using a calibrated BOT 3000E device.

TEST RESULTS:

The individual and average DCOF data for each tile were as follows:

Direction	Tile 1	Tile 2	Tile 3
Direction 1	0.61	0.68	0.59
Direction 2	0.66	0.66	0.75
Direction 3	0.56	0.69	0.73
Direction 4	0.67	0.62	0.77
Average	0.62	0.66	0.71
Combined Average	0.66		

ANSI A137.1 2012 now specifies 0.42 DCOF or BETTER measured with the BOT 3000 for level interior spaces expected to be walked upon when wet. The test must have a DCOF (per ANSI A137.1) of 0.42 or BETTER for the tile to be accepted for level interior spaces expected to be walked upon when wet, for RAMPS the DCOF must be greater than 0.42.

Actual working sheets on file, a copy is available upon request.



Violeta Ivanescu

Terrazzo, Tile and Marble Association of Canada