



# Laboratory Test Report

**Date of Test:** December 10, 2021  
**Member No** 1029  
**Quote :** 21-75

Test Specimens  
Provided by: **ICP BSG**  
**150 Dascomb Rd.**  
**Andover, MA 01810**

Material: **HD Onyx Crystal**  
Country of Origin: **Brazil**  
Finish: **Polished**  
Surfactant: **0.05% Concentration of Sodium Lauryl Sulfate (per ANSI A326.3)**



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**800.220.1966**  
410 Pike Road • Huntingdon Valley, PA 19006

| ANSI A326.3 Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials |      |      |      |      |                  |                 |                    |                          |
|---|------|------|------|------|------------------|-----------------|--------------------|--------------------------|
| Specimen Number   | N    | S    | E    | W    | Specimen Average | Overall Average | Standard Deviation | Coefficient of Variation |
| OD-Po-1   | 0.17 | 0.16 | 0.17 | 0.16 | 0.17             | <b>0.17</b>     | 0.01               | 5.6%                     |
| OD-Hn-2   | 0.18 | 0.19 | 0.17 | 0.18 | 0.18             |                 |                    |                          |
| OD-Hn-3   | 0.16 | 0.17 | 0.16 | 0.17 | 0.17             |                 |                    |                          |

Tests performed by: **R. Lawson**  
Report and Data Reviewed by: **C. Muehlbauer**

These tests were performed on a BOT-3000E Automated Testing Device manufactured by Regan Scientific Instruments of Southlake, Texas, USA; Serial No. VS 901265800196. Last Date of Calibration: July 29, 2021.

Not all products with a wet **DCOF AcuTest** value over 0.42 are suitable for all applications. Type of use, traffic, contaminants, maintenance, expected wear, and manufacturer's guidelines and recommendations are important and must also be considered by the specifier. ANSI A326.3 explains this in greater detail and should be reviewed carefully by anyone involved in picking the right tile for their next project!

Where floor tiles have a wet DCOF lower than 0.42, care must be exercised to ensure the tiles are not walked on while wet. In addition to choosing surfaces providing sufficient traction, providing adequate lighting and designing spaces to allow for suitable drainage will reduce slip/fall accidents. Proper footwear and shoe materials can also greatly improve traction and should be considered in any campaign to reduce slips and falls.



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*\*Sealer - Stain-Proof Clear Traction as identified by client, and pre-applied by client.*

| ANSI A326.3 Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials |      |      |      |      |                  |                 |                    |                          |
|---|------|------|------|------|------------------|-----------------|--------------------|--------------------------|
| Specimen Number   | N    | S    | E    | W    | Specimen Average | Overall Average | Standard Deviation | Coefficient of Variation |
| WtM-Hn-1  | 0.48 | 0.54 | 0.53 | 0.50 | 0.51             | <b>0.52</b>     | 0.04               | 7.9%                     |
| WtM-Hn-2  | 0.57 | 0.54 | 0.56 | 0.56 | 0.56             |                 |                    |                          |
| WtM-Hn-3  | 0.53 | 0.56 | 0.49 | 0.43 | 0.50             |                 |                    |                          |

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 Country of Origin: **Turkey**  
 Finish: **Polished**  
 Surfactant: **0.05% Concentration of Sodium Lauryl Sulfate (per ANSI A326.3)**

| ANSI A326.3 Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials |      |      |      |      |                  |                 |                    |                          |
|---|------|------|------|------|------------------|-----------------|--------------------|--------------------------|
| Specimen Number   | N    | S    | E    | W    | Specimen Average | Overall Average | Standard Deviation | Coefficient of Variation |
| BBu-Hn-1  | 0.33 | 0.30 | 0.31 | 0.26 | 0.30             |                 |                    |                          |
| BBu-Hn-2  | 0.46 | 0.42 | 0.37 | 0.35 | 0.40             |                 |                    |                          |
| BBu-Hn-3  | 0.37 | 0.34 | 0.30 | 0.26 | 0.32             | <b>0.34</b>     | 0.06               | 17.7%                    |

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| Specimen Number   | N    | S    | E    | W    | Specimen Average | Overall Average | Standard Deviation | Coefficient of Variation |
| GImp-Hn-1   | 0.50 | 0.54 | 0.53 | 0.55 | 0.53             | <b>0.56</b>     | 0.03               | 5.8%                     |
| GImp-Hn-2   | 0.60 | 0.57 | 0.57 | 0.58 | 0.58             |                 |                    |                          |
| GImp-Hn-3   | 0.59 | 0.60 | 0.55 | 0.52 | 0.57             |                 |                    |                          |

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