

**Laboratorio prove, Centro di Ricerca, Sperimentazione, Consulenza e Controllo qualità**

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**TEST REPORT n. 4204/2020/I**

**DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS  
ANSI A326.3:2019**

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Date of report:	10/21/2020
Customer:	CASALGRANDE-PADANA S.p.A. S.S. 467, 73 42013 CASALGRANDE (RE)
Requested on:	10/14/2020
Our ref.number:	28634
Execution place of tests:	Scandiano (RE)
Description of the sample:	"Ceramic tiles 75,5x75,5 cm marked:Terrazzo BEIGE lappato"
Sampling:	carried out by the customer
Receipt date of samples:	10/15/2020
Execution date of tests:	start: 10/19/2020 end: 10/19/2020
Test specification:	ANSI A326.3:2019 Determination of dynamic coefficient of friction (DCOF) of hard surface flooring materials.
Warnings:	<i>This test report can not be reproduced in part, without our written consent. The reported results relate only to the samples tested. The information included in quotation marks was provided by the customer.</i>

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**TEST REPORT n. 4204/2020/I****DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS  
ANSI A326.3:2019**

**Scope:** This standard describe the test method for measuring dynamic coefficient of friction (DCOF) of hard surface flooring materials. This method can be used in the laboratory or in the field.

**Procedure:** The test is performed using Regan Scientific Instruments' BOT 3000E instrument in wet conditions using 0,05 % Sodium-Lauryl Sulfate (SLS) in water. The SBR rubber sensor is used as a sliding element with standard characteristics as described in point 4.2. The sensor is controlled using a standard tile before and after the test. Three (3) tile samples are tested in four (4) directions. field

Number of samples tested: 3

BOT 3000E calibration date: 01/15/2020

Type of surface: Structured

Cleaning chemical: FILA® PS87

Length of the path: 10 inch (maximum possible path - as per paragraph 9.6.1.1)

Conditions of the test: Wet surface

Type of sensor: SBR rubber

**DCOF (wet) of sensor validation surface**

Before the test: 0,37

After the test: 0,39

**Test results**

Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	0,43	0,39	0,49	0,41	<b>0,43</b>
2	0,39	0,40	0,43	0,36	<b>0,40</b>
3	0,42	0,40	0,47	0,42	<b>0,43</b>



The Director  
Giulia Gaido

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