

## Testing, Experimentation and Quality Control Laboratory

Main Laboratory Sassuolo S.r.l. - Via F.lli Setti, 7 - 42019 Scandiano - Reggio Emilia (Italy) Cod.Fisc. e P.IVA 03164360368  
Tel: 0522 982603 Fax: 0522 852834 E-mail: [info@mainlaboratorysassuolo.it](mailto:info@mainlaboratorysassuolo.it) Web: [www.mainlaboratorysassuolo.it](http://www.mainlaboratorysassuolo.it)

### TEST REPORT n. 0664/2022/I

ANSI A326.3:2021

#### DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS

Date of report:	02/24/2022
Customer:	CASALGRANDE-PADANA S.p.A.  S.S. 467, 73 42013 CASALGRANDE (RE)
Requested on:	02/15/2022
Our ref.number:	32309
Execution place of tests:	Scandiano (RE)
Description of the sample:	"Ceramic tiles 30x30 cm marked:30x30 ARCH.WHITE LEVIGATO"
Sampling:	carried out by the customer
Receipt date of samples:	02/16/2022
Execution date of tests:	start: 02/23/2022                      end: 02/23/2022
Test specification:	ANSI A326.3:2021 Determination of dynamic coefficient of friction (DCOF) of hard surface flooring materials.
Warnings:	<i>This test report may not be reproduced in part without our written approval. The results reported only refer to the samples tested, as received, and are only valid under the conditions in which the work was carried out. The information enclosed in inverted commas was provided by the customer and the laboratory accepts no liability for it.</i>

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**DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS**

**Scope:** this standard describe the test method for measuring dynamic coefficient of friction (DCOF) of hard surface flooring materials.

**Procedure:** the test is performed using Regan Scientific Instruments' BOT 3000E instrument in dry conditions. The SBR testfoot sensor is used as a sliding element with standard characteristics as described in point 5.2. The sensor is controlled using a standard tile before and after the test. Three (3) tile samples are tested in four (4) directions.

**Number of samples tested:** 3

**BOT 3000E calibration date:** 01/17/2022

**Type of surface:** flat

**Cleaning chemical:** light-use cleaner, pH neutral

**Length of the path:** 8 inch (maximum possible path - as per paragraph 9.1.4)

**Conditions of the test:** dry surface

**Type of sensor:** SBR testfoot

**Test results**

**Temperature:** 21 °C

**Humidity:** 50 %

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

**Before the test:** 0,60

**After the test:** 0,58

Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	0,64	0,61	0,60	0,61	<b>0,62</b>
2	0,69	0,72	0,71	0,70	<b>0,71</b>
3	0,68	0,63	0,66	0,66	<b>0,66</b>



The Director  
Giulia Gaido

End of test report

*This test report is a translation of the original in the Italian language, which is provided together with this document and which constitutes a reference document in any legal venue.*