



# Geoceramic Researches S.r.l.

Via Bacchello, 9  
40050 Monte San Pietro BO - Italy  
Tel. 051/6761738 - fax 051/6761736  
e-mail : [geoceramic@iol.it](mailto:geoceramic@iol.it)  
home page : <http://www.geoceramic.it>



Laboratory for Experimental and Technological Ceramics and Brick Industries

## TEST REPORT

TS N°: 287/17eng

DATE 05/01/2018

Spett.le  
GRUPPO ROMANI S.p.A.  
Via A. Volta, 9-23/25  
42013 CASALGRANDE RE

# BOT 3000

## CERAMIC TILES DETERMINATION OF DINAMIC COEFFICIENT OF FRICTION (DCOF)

All samples to be tested should be thoroughly cleaned prior to testing. Three samples should be placed in a row on an area not subject to fluctuations. Necessary to wet the path of the sensor with an aqueous solution of 0.05% SLS (Sodium-Lauryl Sulfate). Necessary to make a total of 4 dynamic measurements on the tiles. After scoring the first measurement rotate the BOT 3000 180 ° and run the second measurement. Subsequently rotate tiles of 90 ° and perform the following two measures according to the same methodology. Record all four measures and calculate the average. Repeat the procedure on two other pieces. For structured tiles, the three pieces tested shall be representative of the different structures. If there are more than three different structures, test each structure.

### Samples arrived 20/12/2017 (sampling executed by Costumer)

**DESCRIPTION TILES : 100x100 cm**  
**TYPE : 1B2 CERCOM MB3 GHIACCIO RET A 51 5**

Test start 03/01/2018  
Test finished 03/01/2018

DCOF - Test conditions	value 1	value 2	value 3	value 4	Average Value
Wet - sample n° 1	0,61	0,62	0,62	0,63	<b>0,62</b>
Wet - sample n° 2	0,62	0,61	0,60	0,62	<b>0,61</b>
Wet - sample n° 3	0,63	0,61	0,63	0,62	<b>0,62</b>

### REFERENCE VALUES

The ANSI A137.1: 2012.Version 1 indicates as a limit value of 0.42 for indoor environments where conceivably there is the possibility of wear in wet conditions..

Laboratory Head  
P.I. Riccardo Frabetti