



# Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 07/11/2018



TEST REQUESTED BY: CERAMICA SAVOIA ITALIA S.p.A.

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**Confidential Test Report N. 2972/2018 /I**

Our ref.num.: 22873

Date of request: 07/02/2018

## TEST SUBJECT MATERIAL

Identified by client as:

" Paver tiles 20x120 cm marked:  
CALIUS WHITE NATURALE"

## Source

Submitted to Laboratory by Client

## Date Received

07/02/2018

## Time of test execution

start: 07/10/2018

end: 07/10/2018

## Detailed of test / method description / test procedure

BOT 3000 "Dynamic Coefficient of Friction (DCOF)"  
(Ref. 9.6, Standard ANSI A137.1:2012)

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Date 07/11/2018

**CERAMICA SAVOIA ITALIA S.p.A.**

Test specimen

" Paver tiles 20x120 cm marked:  
CALIUS WHITE NATURALE"

**BOT 3000 "Dynamic Coefficient of Friction (DCOF)"**  
**(Ref. 9.6. Standard ANSI A137.1:2012)**

**TEST PROCEDURE:** must be used sensor SBR rubber with characteristics standardized (par. 9.6.1.1.2 and note 3).

Sensor SBR must be controlled using a surface standard before the test.

Three (3) pieces of tile are tested in all four directions (1-2-3-4).

Testing was done in the wet condition using 0.05% Sodium-Lauryl Sulfate (SLS) in water

Testing was conducted in a laboratory at temperature of 20±2 °C and 50±5% relative humidity.

Instrument used is BOT 3000 of the Regan Scientific Instruments.

### Dynamic Coefficient

Note: considering the size of the sample both calibration and the test was executed on a path of 6 inch, because the longer practicable (as described in paragraph 9.6.1.1)

**Test conditions: wet surface (solution SLS 0,05 %), rubber sensor**

No.	Position				Average
	1	2	3	4	
1	0,59	0,60	0,57	0,57	<b>0,58</b>
2	0,62	0,66	0,62	0,66	<b>0,64</b>
3	0,65	0,66	0,65	0,66	<b>0,66</b>

DCOF wet of friction Standard Tiles

<b>Before the test</b>	0,31
<b>After the test</b>	0,29



THE DIRECTOR  
(M.L. Simioni)