

**MODENA CENTRO PROVE s.r.l.**

Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
Tel. 059 822417 r.a. - Fax 059380281 - e-mail : info@modenacentroprove.it - www.modenacentroprove.com
C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

ALIMENTARE

Modena, 13/12/19

To **FLORIM CERAMICHE SPA**
VIA CANALETTO 24
41042 FIORANO MODENESE MO

Attn. **sig. Turrini**

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
porcelain tiles	serie Elemental Stone of Cerim articolo Cream Limestone spessore 10 mm superficie naturale marchio Cerim	-	18/11/2019

Here attached, you will receive the Test Report of Serial No. **20198608**/n, which shows the results of tests required.

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Director
Sant'Unione dr. Giuseppe



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LAB N°1018L

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

TEST REPORT: 20198608/1

Modena, 13/12/19

CUSTOMER

**FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO
MODENESE - MO**

MATERIAL and/o SAMPLE to be tested

porcelain tiles;

Denomination

serie Elemental Stone of Cerim articolo Cream Limestone spessore 10 mm
superficie naturale marchio Cerim;

Date of sample reception

18/11/2019;

Date of sample acceptance

18/11/2019;

Kind of test executed

Determination of the anti-slip property – Walking method – Ramp test

Referring standards

DIN 51130:2014 (Escluso capitoli 4.2 6 Raccolta di volume)

Shifting from standards

No one

Equipment

Pullmeter with ramp cod. MCP C150

Subcontracted phases

No one

Sampling made by

Customer

*The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.
The times of retain of the samples was indicated in the offer related to the test report.*

<p>Examiner p.i. Nassetti Luca</p>	<p>Examiner p.i. Bortolai Alberto</p>	<p>MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto</p>	<p>MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe</p>
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DETERMINATION OF THE ANTI-SLIP PROPERTY – WALKING METHOD – RAMP TEST

Beginning date : 24/11/2019

Analysis ending date : 25/11/2019

SAMPLE : Ceramic tiles, marked « **serie Elemental Stone of Cerim articolo Cream Limestone spessore 10 mm superficie naturale marchio Cerim** »

RESULTS

Mean inclination angle α_{ges} : 13,3
 Classification: R10

CLASSIFICATION

Mean value α_{ges}	Class
$6^\circ \leq \alpha_{ges} \leq 10^\circ$	R 9
$10^\circ < \alpha_{ges} \leq 19^\circ$	R 10
$19^\circ < \alpha_{ges} \leq 27^\circ$	R 11
$27^\circ < \alpha_{ges} \leq 35^\circ$	R 12
$\alpha_{ges} > 35^\circ$	R 13

Note : The group classification give the parameter for determine the sliding resistance: the group R 9 is less anti-slip, the group R 13 as the maximum effectiveness anti-slip.

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