

**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, 11/12/19

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 Rock salt of cerim articolo Danish smoke spessore 10 mm superficie naturale marchio Cerim	-	18/11/2019

Here attached, you will receive the Test Report of Serial No. **20198607**/n, which shows the results of tests required.

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Director
Sant'Unione dr. Giuseppe



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TEST REPORT: 20198607/1

Modena, 11/12/19

CUSTOMER	FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	porcelain tiles;
Denomination	serie Rock salt of cerim articolo Danish smoke 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.*

Examiner p.i. Nassetti Luca	Examiner p.i. Bortolai Alberto	MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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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 Rock salt of cerim articolo Danish smoke spessore 10 mm superficie naturale marchio Cerim »

RESULTS

Mean inclination angle ages: 14,1
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.