

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

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MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 28/06/21

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

Attn. **Dott. Davide Turrini**

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
Porcelain tiles	serie Earthtech articolo Fog ground R11 superficie Grip formato 60x120 spessore 20 mm brand Floor gres	Ns ritiro	08/06/2021

Here attached, you will receive the Test Report of Serial No. **20214627**/n, which shows the results of tests required.

MODENA CENTRO PROVE

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Director
Sant'Unione dr. Giuseppe



TEST REPORT: 20214627/1

Modena, 28/06/21

CUSTOMER	FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	Porcelain tiles;
Denomination	serie Earthtech, articolo Fog ground R11, superficie Grip, formato 60x120, spessore 20 mm, brand Floor gres;
Date of sample reception	08/06/2021;
Date of sample acceptance	08/06/2021;
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 reported in this Test Report refer only to the sample sampled by our staff and / or given by the Customer as received.

The sample identification data were provided by the customer. Further additional information provided by the Customer will be reported in the Test Report in blue color. If the information provided by the customer influences the validity of the results, MCP declines all responsibility.

Any changes / additions made to the Test Report after its first issue will be identified by underlining the text.

The Customer undertakes to reproduce this document in its entirety. Any form of partial reproduction is prohibited.

The storage times of the samples are indicated on the offer or contract to which this Test Report refers.

Examiner p.i. Bortolai Alberto	Examiner p.i. Nasseti Luca	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 : 21/06/2021

Analysis ending date : 22/06/2021

SAMPLE : Ceramic tiles, marked « serie Earthtech, articolo Fog ground R11, superficie Grip, formato 60x120, spessore 20 mm, brand Floor gres »

RESULTS

Mean inclination angle α_{ges} : 26,5
 Classification: R11

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.