

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

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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 08/08/21

To **REFIN CERAMICHE SPA**
VIA I MAGGIO NR. 22 FRAZ.
SALVATERRA
42013 CASALGRANDE RE

Attn.

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
Porcelain tiles	SUPERFICIE C2	Our withdrawal of samples	30/07/2021

Here attached, you will receive the Test Report of Serial No. **20215760**/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: 20215760/1

Modena, 08/08/21

CUSTOMER	REFIN CERAMICHE SPA - - VIA I MAGGIO NR. 22 FRAZ. SALVATERRA - 42013 - CASALGRANDE - RE
MATERIAL and/o SAMPLE to be tested	Porcelain tiles;
Denomination	SUPERFICIE C2;
Date of sample reception	30/07/2021;
Date of sample acceptance	30/07/2021;
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.

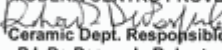
Examiner


p.i. Bortolai Alberto

Examiner


P.I. Fili Thomas

MODENA CENTRO PROVE


Ceramic Dept. Responsible
P.I. De Pasquale Roberto

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DETERMINATION OF THE ANTI-SLIP PROPERTY – WALKING METHOD – RAMP TEST

Beginning date : 03/08/2021

Analysis ending date : 05/08/2021

SAMPLE : Ceramic tiles, marked « **SUPERFICIE C2** »

RESULTS

Mean inclination angle α_{ges} : 31,5
Classification: R12

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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