



MODENA CENTRO PROVE s.r.l.

Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
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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

ALIMENTARE



Certificato n°
50 100 4582



Diploma
IWR/IT n°
30438



Socio



Membro



Socio

Unione Industriali
Modena



Iscritto

ASSOCIATO



ACIMAC

ASSOCIATED

Modena, 23/06/14

To **LAMINAM SPA**
VIA GHIAROLA NUOVA 258
41042 FIORANO MODENESE MO

Attn. **SALVALAI
VIANI**

MATERIAL and/or SAMPLE to be tested : PORCELAIN TILES;

Denomination of the Sample : LAMINAM 5 PIETRA DI SAVOIA;

Client Reference: Your delivery NS RITIRO

date:

Here attached, you will receive the Test Report of Serial No. **20143568**/n, which shows the results of tests required.

MODENA CENTRO PROVE

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Director
Sant'Unione dr. Giuseppe



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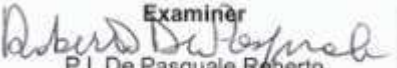
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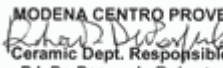
TEST REPORT: 20143568/1

Modena, 23/06/14

CUSTOMER	LAMINAM SPA - - VIA GHIAROLA NUOVA 258 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	PORCELAIN TILES;
Denomination	LAMINAM 5 PIETRA DI SAVOIA;
Date of sample reception	11/06/2014;
Kind of test executed	Determination of the Measurement of Impact Strenght
Referring standards	UNI EN ISO 10545-5:2000
Shifting from standards	None
Equipment	Impact Test Gabbrielli cod. MCP C18
Calibration	Rapporto di taratura n° 018 del 26/05/2014
Subcontracted phases	None
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. De Pasquale Roberto

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 MEASUREMENT OF IMPACT STRENGTH

Beginning date : 20/06/2014

Analysis ending date : 23/06/2014

SAMPLE : Ceramic tiles marked « LAMINAM 5 PIETRA DI SAVOIA »

The coefficient of restitution is the measurement of the elastic properties of ceramic surfaces after laying. It is measured by dropping a steel ball onto them from a preset height and measuring the height of the bounce.

OPERATING CONDITION

- Chromium steel ball with diameter 19 mm
- Equipment comprising electromagnet and sound measuring system
- Standard mortar substrate measuring 75 x 75 x 50 mm.
- Dual compound epoxy resin.

RESULTS

Sample	Coefficient of restitution
1	0,830
2	0,840
3	0,830
4	0,830
5	0,820
Mean Value	0,830

- Coefficient of restitution, mean value : 0,830
- Description of any surface breakages : No one

REQUIREMENTS

(Standard EN 14411:2012 Annex G)

Declared Value.

 Examiner P.I. De Pasquale Roberto	 MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	 MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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