



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



LAB N°1018
Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements

TEST REPORT: 20176258/3

Modena, 25/09/17

CUSTOMER	FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	porcelain tiles;
Denomination	serie PREXIOUS DI REX marchio REX articolo PREXIOUS REX WHITE FANTASY MAT 80X180 R;
Date of sample reception	15/09/2017;
Date of sample acceptance	15/09/2017;
Kind of test executed	Determination of the Resistance to Abrasion
Referring standards	UNI EN ISO 10545-7:2000
Shifting from standards	No one
Equipment	Abrasion tester cod. MCP C127
Calibration	RT 03 of 30/11/2016
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. Bortolai Alberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



DETERMINATION OF THE RESISTANCE TO ABRASION

Beginning date : 19/09/17

Analysis ending date : 20/09/17

SAMPLE : Ceramic tiles, marked «serie PREXIOUS DI REX marchio REX articolo PREXIOUS REX WHITE FANTASY MAT 80X180 R »

The test was performed by rotating an abrasive load on the glazed surface of the tile; at the end of the test, the test specimens subjected to abrasion were compared with control tiles under a light source of 300 Lux, at the distance of 2 m and at the height of 1.65 m.

RESULTS

Stage of abrasion with visible variation (n° revolutions): > 12000
 Abrasion class: 5

CLASSIFICATION

1. Classification PEI

Abrasion Stage: abrasion visible at n° of turn	Class
100	0
150	1
600	2
750 - 1500	3
2100 – 6000 – 12000	4
>12000 and is in accordance with the stain resistance test UNI EN ISO 10545-14	5

2. Stain Classification of Abraded Tiles

Test Solution	Standing Time	Resistance Class
Chrome green in light oil 40%	24 h	4
Iodine alcohol solution 1.3%	24 h	5
Olive oil T.Q.	24 h	5

Examiner

p.i. Bortolai Alberto

MODENA CENTRO PROVE
 Ceramic Dept. Responsible
 P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
 Sant'Unione dr. Giuseppe



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



LAB N°1018
Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements

3. Stain Classification

- Class 1 : stain not removed
- Class 2 : stain removed with the procedure D (immersion 24h in special solvent)
- Class 3 : stain removed with the procedure C (mechanical action with strong cleaning agent)
- Class 4 : stain removed with the procedure B (weak cleaning agent)
- Class 5 : stain removed with the procedure A (running water, 5')

REQUIREMENTS

(Standard UNI EN 14411:2016 Annex G)

Report abrasion class and cycles passed.

Examiner


p.i. Bortolai Alberto

MODENA CENTRO PROVE


Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE


Director
Sant'Unione dr. Giuseppe