

Testing, Experimentation and Quality Control Laboratory

Main Laboratory Sassuolo S.r.l. - Via F.lli Setti, 7 - 42019 Scandiano - Reggio Emilia (Italy) Cod.Fisc. e P.IVA 03164360368
Tel: 0522 982603 Fax: 0522 852834 E-mail: info@mainlaboratorysassuolo.it Web: www.mainlaboratorysassuolo.it

TEST REPORT n. 2594/2024/I**CERAMIC TILES****UNI EN ISO 10545-7:2000****DETERMINATION OF RESISTANCE TO SURFACE ABRASION FOR GLAZED TILES**

Date of report:	27/04/2024
Customer:	NUOVOCORSO S.p.A. Via Mulini Valle Tresinaro, 11 42033 ZOCCADELLO DI ONFIANO - CARPINETI (RE)
Requested on:	14/03/2024
Our ref.number:	37347
Execution place of tests:	Scandiano (RE)
Description of the sample:	"Glazed ceramic tiles 300x600x12 mm marked: Glazed Dry-pressed ceramic tiles with low water absorption $E_v \leq 0,5 \%$ Group Bla, Rectified"
Sampling:	carried out by the customer
Receipt date of samples:	14/03/2024
Execution date of tests:	start: 03/04/2024 end: 04/04/2024
Test specification:	UNI EN ISO 10545-7:2000 Ceramic tiles - Determination of resistance to surface abrasion for glazed tiles
Warnings:	<i>This test report may not be reproduced in part without our written approval. The results reported only refer to the samples tested, as received, and are only valid under the conditions in which the work was carried out. The information enclosed in inverted commas was provided by the customer and the laboratory accepts no liability for it.</i>

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Principle: determination of the abrasion of glaze tiles by rotation of an abrasive load on the surface and assessment of the wear by means of visual comparison of abraded test specimens and non-abraded tiles.

Samples preparation: samples glazed surfaces clean and dry

Test results

Abrasion visible at: >12000 revolutions

Abrasion class: 5

Test cleanness' stains of
abraded surface: passed tests (see below examination reported)

Test cleanness' stains of abraded surface

<u>Kind of stain</u>	<u>Result</u>
Chrome green	stain removed
Iodine, alcoholic solution	stain removed
Olive Oil	stain removed

The stain resistance of the abraded surface was carried out as indicated in paragraph 8 of the UNI EN ISO 10545-7.



The Director
Giulia Gaido