

**Testing, Experimentation and Quality Control Laboratory**

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**TEST REPORT n. 2717/2024/I****CERAMIC TILES****UNI EN ISO 10545-12:2000****DETERMINATION OF FROST RESISTANCE**

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*Date of report:* 08/05/2024

*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 BIa, Rectified"

*Sampling:* carried out by the customer

*Receipt date of samples:* 14/03/2024

*Execution date of tests:* start: 16/04/2024 end: 26/04/2024

*Test specification:* UNI EN ISO 10545-12:2000  
Ceramic tiles - Determination of frost resistance

*Warnings:* *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.*

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**TEST REPORT n. 2717/2024/I**

**CERAMIC TILES**

**UNI EN ISO 10545-12:2000**

**DETERMINATION OF FROST RESISTANCE**

<i>Principle:</i>	after impregnation with water, submission of the tiles to a cycle between + 5°C and - 5°C, all sides of the tiles being exposed to freezing during a minimum of 100 freeze-thaw cycles.
Number of tested tiles:	10
Initial water absorption, $E_1$ :	0,2 %
Final water absorption, $E_2$ :	0,2 %
Number of damaged tiles after 100 cycles:	0
Defects before the test:	no visible defect.
Damage caused after the test:	no visible alteration.



The Director  
Giulia Gaido