
TEST REPORT n. 5040/2020/I

CERAMIC TILES - DETERMINATION OF FROST RESISTANCE

UNI EN ISO 10545-12: 2000

Date of report:	12/11/2020
Customer:	NUOVOCORSO S.p.A. Via Mulini Valle Tresinaro, 11 42033 ZOCCADELLO DI ONFIANO - CARPINETI (RE)
Requested on:	11/04/2020
Our ref.number:	28787
Execution place of tests:	Scandiano (RE)
Description of the sample:	"Portion of ceramic tiles glazed 60x60 cm obtained by cutting to original size 160x320 cm marked: GLAZED PORCELAIN TILES RECTIFIED"
Sampling:	carried out by the customer
Receipt date of samples:	11/04/2020
Execution date of tests:	start: 11/27/2020 end: 12/10/2020
Test specification:	UNI EN ISO 10545 - 12:2000 Determination of frost resistance
Warnings:	<i>This test report can not be reproduced in part, without our written consent. The reported results relate only to the samples tested. The information included in quotation marks was provided by the customer.</i>

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Principle: 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 (%): 0,0

Final water absorption, E_2 (%): 0,1

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

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