



LAB N° 1170

**TEST REPORT**

**UNGLAZED CERAMIC TILES - DETERMINATION OF RESISTANCE TO DEEP ABRASION  
UNI EN ISO 10545-6: 2012**

Test report n. 5098/2018 /I

Date of report: 12/08/2018

Customer: FLORIM CERAMICHE S.p.a.  
Via Canaletto, 24  
41042 FIORANO MODENESE (MO)

Requested on: 11/20/2018

Our ref.number: 23817

Execution place of tests: Scandiano (RE)

Description of the sample: "Ceramic tiles 60x60 cm  
marked: Serie Stontech 4.0 formato 60x60 superficie naturale marchio  
Floor gres"

Sampling: carried out by the customer

Receipt date of samples: 11/22/2018

Execution date of tests: start: 12/05/2018 end: 12/05/2018

Test specification: UNI EN ISO 10545 - 6:2012  
Determination of resistance to deep abrasion - Unglazed tiles

Warnings: *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.*





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Principle: determination of the abrasion resistance of unglazed tiles by measuring the length of the groove produced in the proper surface by means of a rotating disc under given conditions and with the use of abrasive material.

N. samples tested: 5

Test results:	Chord length groove L (mm)				
	26,0	26,0	25,5	25,5	25,0
	26,0	25,5	25,5	24,5	25,5
	Volume for each groove V (mm <sup>3</sup> )				
	148	148	139	139	131
	148	139	139	123	139
Average volume V <sub>m</sub> (mm <sup>3</sup> ):	139				

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THE DIRECTOR  
(M.L. Simoli)