

**Testing, Experimentation and Quality Control Laboratory**

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**TEST REPORT n. 1536/2022/I**

**CERAMIC TILES**

**SASO ISO 10545-9:2016**

**DETERMINATION OF RESISTANCE TO THERMAL SHOCK**

<i>Date of report:</i>	04/01/2022
<i>Customer:</i>	<b>LAMINAM S.p.A.</b>  Via Ghiarola Nuova, 258 41042 Fiorano Modenese (MO)
<i>Requested on:</i>	02/07/2022
<i>Our ref.number:</i>	32482
<i>Execution place of tests:</i>	Scandiano (RE)
<i>Description of the sample:</i>	"Unglazed ceramic tiles 500x500 mm marked: UNGLAZED CERAMIC TILES Bia UGL RECTIFIED"
<i>Sampling:</i>	carried out by the customer
<i>Receipt date of samples:</i>	03/08/2022
<i>Execution date of tests:</i>	start: 03/30/2022                      end: 03/31/2022
<i>Test specification:</i>	SASO ISO 10545-9:2016 Ceramic tiles - Determination of resistance to thermal shock
<i>Warnings:</i>	<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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**DETERMINATION OF RESISTANCE TO THERMAL SHOCK**

*Principle:* determination of the resistance to thermal shock of a whole tile by cycling 10 times between the temperature of 15°C and 145 °C.

**Test results**

N. samples tested: 5

Average percentage water absorption : 0,0

Type of test performed: with immersion

Number of tiles with visible defects: 0



The Director  
Giulia Gaido

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**Requirements (Standard SASO ISO 13006:2018 - Table G.1)**

Test method available

**Note:** the test has been carried out on 50x50 cm samples obtained by the Client by cutting slabs of dimensions 162x324 cm, 120x270 cm and 100x300 cm.