



**MODENA CENTRO PROVE s.r.l.**  
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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n.  
01592020364



## TEST REPORT: 20198608/4

Modena, 13/12/19

### CUSTOMER

**FLORIM CERAMICHE SPA - - VIA CANALETTO 24 - 41042 - FIORANO  
MODENESE - MO**

### MATERIAL and/o SAMPLE to be tested

porcelain tiles;

### Denomination

serie Elemental Stone of Cerim articolo Cream Limestone spessore 10 mm  
superficie naturale marchio Cerim;

### Date of sample reception

18/11/2019;

### Date of sample acceptance

18/11/2019;

### Kind of test executed

Determination of Thermal Shock Resistance

### Referring standards

UNI EN ISO 10545-9:2014

### Shifting from standards

None

### Equipment

Tub for soaking - Forced ventilation stove cod. MCP C43

### Subcontracted phases

None

### Sampling made by

Customer

*The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.  
The times of retain of the samples was indicated in the offer related to the test report.*

Examiner

p.i. Bortolai Alberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible  
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director  
Sant'Unione dr. Giuseppe



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LAB N°1018L

Membro degli Accordi di Mutuo  
Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual  
Recognition Agreements

## DETERMINATION OF THERMAL SHOCK RESISTANCE

Beginning date : 11/12/2019

Analysis ending date : 11/12/2019

**SAMPLE** : Ceramic tiles, marked « **serie Elemental Stone of Cerim articolo Cream Limestone spessore 10 mm superficie naturale marchio Cerim** »

The test was performed placing test samples at low temperature (15°C) for 15 minutes, then at high temperature (145°C) for 20 minutes; this method happened 10 times.

### RESULTS

- Number of tiles tested : 5
- Test method used : immersion
- Water absorption average % : < 10
- Number of tiles damaged : 0

### REQUIREMENTS

( Norm UNI EN 14411:2016 Annex G )

No ceramic tiles must present visible defects.

Examiner

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