



## Geoceramic Researches S.r.l.

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Laboratory for Experimental and Technological Ceramics and Brick Industries

### TEST REPORT

TS N°: 287/17eng

DATE 05/01/2018

Spett.le  
GRUPPO ROMANI S.p.A.  
Via A. Volta, 9-23/25  
42013 CASALGRANDE RE

## UNI EN ISO 10545-14 : 2015

### DETERMINATION OF RESISTANCE TO STAINS

Definition: the resistance to stains is determined maintaining to contact solutions blotting with the surface of exercise of the champions heads, for a sure period of time; the surface comes then cleaned up with systems of severity progressive, finally analyzed visually.

#### Samples arrived 20/12/2017 (sampling executed by Costumer)

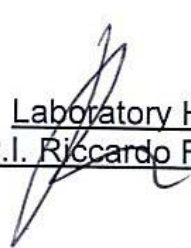
**DESCRIPTION TILES :** 100x100 cm  
**TYPE :** 1B2 CERCOM MB3 GHIACCIO RET A 51 5

Test start 27/12/2017  
Test finished 28/12/2017

Staining agents	Class
<b>Stains having tracing action (pastes)</b>	
Green staining agent in light oil	5
<b>Stains having chemical/oxidizing action</b>	
Iodine/alcohol solution, 13 g/l	5
<b>Stains having filming action</b>	
Olive oil	5

#### Classification:

Class 5 : stain removed with hot water;  
Class 4 : stain removed with hand cleaning with abrasive sponge;  
Class 3 : stain removed with mechanical cleaning with the strong cleaning agent;  
Class 2 : stain removed with suitable solvent;  
Class 1 : stain not removed.

  
Laboratory Head  
P.I. Riccardo Frabetti