



# Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 12/21/2018



Messrs GRUPPO ROMANI S.P.A.

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(RE)

## Confidential Test Report N. 5343/2018 /I

Our ref.num.: 23790  
Date of request: 11/21/2018

### Test Specimen

" Paver tile 60x60 cm marked:  
SQUARE"

### Source

Submitted to Laboratory by Client

### Date Received

11/21/2018

### Time of test execution

start: 12/08/2018 end: 12/21/2018

### Test detail / method description / test procedure

" Determination of frost resistance -  
Standard UNI EN ISO 10545 - 12:2000 "

*The report relates only to the sample(s) tested. This report must not be reproduced in part without the written permission of Main Laboratory Sassuolo, nor used in any way as to lead to misrepresentation of the results or their implications.*

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Date 12/21/2018

**GRUPPO ROMANI S.P.A.**

Test specimen

" Paver tile 60x60 cm marked:  
SQUARE"

## DETERMINATION OF FROST RESISTANCE (STANDARD UNI EN ISO 10545 - 12:2000)

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

**Description of defects after the test:** none



THE DIRECTOR  
(M.L. Simioli)

Mod. P054bis/1 rev.01