



Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 12/12/2016



Messrs

GRUPPO ROMANI S.P.A.

Via Alessandro Volta nr.9, 23/25
42013 CASALGRANDE (RE)

Confidential Test Report N. 5318/2016 /I

Our ref.num.: 18535
Date: 10/21/2016

Test Specimen

"Paver tile 60x60 cm marked:
GRES PORCELLANATO GRUPPO ROMANI S.P.A"

Source

Submitted to Laboratory by Client

Date Received

10/21/2016

Time of test execution

start: 10/21/2016 end: 12/12/2016

Test detail / method description / test procedure

"Determination of volatile organic compound emissions from building products and finishing products
- Method in emission test chamber - Standard UNI EN ISO 16000-9:2006"

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 12/12/2016

GRUPPO ROMANI S.P.A.

Test specimen

"Paver tile 60x60 cm marked:

GRES PORCELLANATO GRUPPO ROMANI S.P.A."

**Determination of volatile organic compound emissions from building products
and finishing products - Method in emission test chamber
(Standard UNI EN ISO 16000-9:2006)**

The test was performed in accordance with the UNI EN ISO 16000-9: 2006, and air samples were collected at 28 days from the start of the test.

Results

Volatile organic compounds found after 28 days	U.M.	Values found
TVOC second GEV at 28 days	$\mu\text{g}/\text{m}^3$ tol eq	<20
TSVOC at 28 days	$\mu\text{g}/\text{m}^3$ tol eq	<20
toluene	$\mu\text{g}/\text{m}^3$	<20
tetrachloro - ethylene	$\mu\text{g}/\text{m}^3$	<20
xilene	$\mu\text{g}/\text{m}^3$	<20
1,2,4-trimethyl - benzene	$\mu\text{g}/\text{m}^3$	<20
1,4 dichloro-benzene	$\mu\text{g}/\text{m}^3$	<20
Ethyl - benzene	$\mu\text{g}/\text{m}^3$	<20
2- butoxy ethanol	$\mu\text{g}/\text{m}^3$	<20
styrene	$\mu\text{g}/\text{m}^3$	<20
sum aldehydes 28 days	$\mu\text{g}/\text{m}^3$	7
Formaldehyde 28 days	$\mu\text{g}/\text{m}^3$	<5
Acetaldehyde 28 days	$\mu\text{g}/\text{m}^3$	<5

Note: the test was performed externally by a qualified laboratory, as agreed.



THE DIRECTOR

(M.L. Simioli)