



Scandiano, 06/20/2014



Messrs **SERENISSIMA CIR IND. CERAMICHE SPA**  
**SOC. UNIPERSONALE**  
Via A. Volta n.9.23.25  
42013 CASALGRANDE  
(RE)

**Confidential Test Report N. 2581/2014 /I**  
on ceramic tiles defined by UNI EN 14411:2012

Our ref.num.: 12385  
Date of request: 06/17/2014

#### Test Specimen

"Glazed paver tiles 60x120 cm marked:  
Serie GRAVITY"

#### Source

Submitted to Laboratory by Client

#### Date Received

06/17/2014

#### Time of test execution

start: 06/18/2014

end: 06/20/2014

#### Detailed of test / method description / test procedure

" Determination of resistance to stains -  
UNI EN ISO 10545 - 14:2000 "

*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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LAB N° 1170

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Date 06/20/2014

**SERENISSIMA CIR IND. CERAMICHE SPA**

**SOC. UNIPERSONALE**

Test specimen

"Glazed paver tiles 60x120 cm marked:  
 Serie GRAVITY"

**DETERMINATION OF RESISTANCE TO STAINS**

**(Standard UNI EN ISO 10545 - 14:2000)**

*Principle:* determination of the resistance to stains by maintaining test solutions and materials in contact with the proper surface of the tiles for a suitable length of time; the surfaces are then subjected to defined cleaning methods, and finally inspected for visual changes.

<b>Staining agents</b>	<b>Sample N. 1 Class</b>	<b>Sample N. 2 Class</b>	<b>Sample N. 3 Class</b>	<b>Sample N. 4 Class</b>	<b>Sample N. 5 Class</b>
<u>Stains leaving a trace (pastes)</u>					
Green staining agent in light oil	5	5	5	5	5
<u>Stains having chemical/oxidizing action</u>					
Iodine, alcoholic solution	5	5	5	5	5
<u>Stains forming a film</u>					
Olive oil	5	5	5	5	5

**Classification procedure of the test of resistance to stains**

- Class 5: stain removed using running hot water for 5 min
- Class 4: stain removed using a weak cleaning commercial agent, not containing abrasive, having neutral pH (Aiax), using a natural non-abrasive sponge
- Class 3: stain removed by mechanical cleaning using a strong commercial cleaning agent, containing abrasive, having basic pH (Cif)
- Class 2: stain removed with suitable solvent
- Class 1: stain not removed

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THE DIRECTOR  
 (M.E. Simioli)