



# Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 11/28/2014



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

**Confidential Test Report N. 4988/2014 /I**  
on ceramic tiles

Our ref.num.: 13489  
Date of request: 11/10/2014

### Test Specimen

"Panel of dimensions 50 x 100 cm covered with glazed ceramic tiles 60x60 cm marked: Serie XTREME"

### Source

Submitted to Laboratory by Client

### Date Received

11/18/2014

### Time of test execution

start: 11/28/2014                      end: 11/28/2014

### Test detail / method description / test procedure

"Testing of floor coverings - Determination of the anti-slip properties -  
wet loaded barefoot areas - walking method - ramp test  
- Standard DIN 51097:1992 "

*The report relates only to the sample(s) tested. This report must not be reproduced in part  
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misrepresentation of the results or their implications.*

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Confidential Test Report N. 4988/2014 /I Page 2 of 2 Date 11/28/2014  
SERENISSIMA CIR IND. CERAMICHE SPA SOC. UNIPERSONALE

Test specimen

"Panel of dimensions 50 x 100 cm covered with glazed ceramic tiles 60x60 cm marked:  
Serie XTREME"

**Testing of floor coverings - determination of the anti-slip properties**  
**wet loaded barefoot areas - walking method - ramp test**  
**(STANDARD DIN 51097:1992)**

*A person in an upright position moves forward and backward on the test panel (100 x 50 cm). The inclination of this test area is increased at a constant rate (1°/s) from horizontal to an angle at which the testing person shows signs of insecurity in his movement. The test is performed with wetting agent (1g/l of sodium dodecyl sulfate + water) on the test area. The angle of inclination of the test panel is determined.*

**Working conditions**

Size of the tested surface (m): 0,50 x 1

Surface orientation: none

**Results**

Average slip angle: 20 °  
Application range: group B (A+B)

**Table with the ratio of the group classification and of the inclination degree**

Classification	Inclination angle "α"
0	$\alpha < 12^\circ$
A	$12^\circ \leq \alpha < 18^\circ$
B	$18^\circ \leq \alpha < 24^\circ$
C	$\alpha \geq 24^\circ$

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THE DIRECTOR  
(M.L. Simioli)

