



Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 12/14/2018



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

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(RE)

Confidential Test Report N. 5197/2018 /I
on ceramic tiles

Our ref.num.: 23831
Date of request: 11/22/2018

Test Specimen

"Panel of dimensions 50 x 100 cm covered with ceramic tiles 60x60 cm marked:
SQUARE ROCK R11"

Source

Submitted to Laboratory by Client

Date Received

11/26/2018

Time of test execution

start: 12/12/2018 end: 12/12/2018

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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Confidential Test Report N. 5197/2018 /I Page 2 of 2 Date 12/14/2018

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Test specimen

"Panel of dimensions 50 x 100 cm covered with ceramic tiles 60x60 cm
marked:
SQUARE ROCK R11"

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: 25 °

Application range: group C (A+B+C)

**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. Sassuolo)