Scandiano, 12/14/2018

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

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

Confidential Test Report N. 5198/2018 /I
on ceramic tiles

Our ref.num.: 23830
Date of request: 11/22/2018

Test Specimen

"Panel of dimensions 50 x 100 cm covered with ceramic tiles 60x60 cm marked: SQUARE IN R10"

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 "

Main Laboratory Sassuolo S.r.l. - Via F.lli Setti, 7 - 42019 Scandiano (RE) - tel. +39 0522 982603 - fax +39 0522 852834 - e-mail: info@mainlaboratorysassuolo.it
Reg. Impr. di RE - Cod. Fisc. e P.IVA 03164360368 - Cap. Soc. € 40.000,00 - R.E.A. di RE 269950

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Test specimen

"Panel of dimensions 50 x 100 cm covered with ceramic tiles 60x60 cm marked:
SQUARE IN R10"

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 tha 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: 23 °
Application range: group B (A+B)

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

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

MAIN LABORATORY SASSUOLO SRL
Centro di Ricerca, Sperimentazione, Consulenze e Controllo Qualità

THE DIRECTOR
(M.L. Simioni)

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