Main Laboratory Sassuolo
Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 12/15/2011

Messrs **ITALGRANITI GROUP S.p.A**

Viale Virgilio,48
41100 MODENA
(MO)

Confidential Test Report N. 3821/2011 /I
on ceramic tiles

Our ref.num.: 6257
Date of request: 12/06/2011

Test Specimen

"Panel of dimensions 50 x 100 cm covered with unglazed ceramic tiles 30x60 cm marked:
MINERAL D GALENA LASTRICATO 30x60 (MD046LA P A58 9 1)"

Source

Submitted to Laboratory by Client

Date Received

12/06/2011

Time of test execution

start: 12/14/2011 end: 12/14/2011

Test detail / method description / test procedure

" Determination of the anti-slip characteristics -
Standard DIN 51130:2010 "

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Confidential Test Report N. 3821/2011 /I Page 2 of 2 Date 12/15/2011

ITALGRANITI GROUP S.p.A

Test specimen

"Panel of dimensions 50 x 100 cm covered with unglazed ceramic tiles 30x60 cm marked:
MINERAL D GALENA LASTRICATO 30x60 (MD046LA P A58 9 1)"

Floor test: determination of the anti-slip characteristics: work areas with high slipping risk. Procedure for the stamping test inclined plane (STANDARD DIN 51130:2010)

The test regards the working areas with a high slipping risk: the procedure foresees that a person taking part in the test walks on a an inclined plane, which is floored with the tested material and greased an oil whose viscosity is SAE 10 W 30.
During the execution of the test it is determined if the tested material may be properly laid down in specific work environments.
There is an average inclination which determines the insecurity of the person walking on the inclined plane and causes the classification of the tested material in one of five groups used to determine the sliding resistance.

Inclination angle of the inclined plane: 23,6 °

Classification: R 11

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

Classification	Inclination angle
n.c. (not classifiable)	lower than 6°
R 9	from 6° to 10°
R 10	over 10° to 19°
R 11	over 27° to 35°
R 12	over 27° to 35°
R 13	over 35°

THE DIRECTOR
(M.L. Sinioli)

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