



Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità



LAB N° 1170

Scandiano, 02/11/2014



Messrs **CASA DOLCE CASA S.p.A.**

Via Viazza II° tronco, 45
42042 FIORNANO MODENESE
(MO)

Confidential Test Report N. 0592/2014 /I
on ceramic tiles defined by UNI EN 14411:2012

Our ref.num.: 11372
Date of request: 01/22/2014

Test Specimen

"Unglazed paver tiles 30x60 cm marked:
Serie Stone & More, articolo Burlington white naturale, superficie UGL, formato 30x60,
spessore 10 mm, marchio casa dolce casa"

Source

Submitted to Laboratory by Client

Date Received

01/23/2014

Time of test execution

start: 01/23/2014 end: 02/11/2014

Test detail / method description / test procedure

" Determination of chemical resistance -
Standard UNI EN ISO 10545 - 13:2000 "

*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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DETERMINATION OF CHEMICAL RESISTANCE

(Standard UNI ISO EN 10545 - 13:2000)

Definition: *subjection of the test specimens to the action of the test solutions and visual determination of attack after a defined period.*

Number of test specimens: **5 each test solution.**

Test solutions

	Class of resistance				
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
<u>Household chemicals</u>					
ammonium chloride solution, 100 g/l	U A	U A	U A	U A	U A
<u>Swimming pool salts</u>					
sodium hypochlorite solution, 20 mg/l	U A	U A	U A	U A	U A
<u>Acids (low concentrations)</u>					
hydrochloric acid solution, 3 % (V/V)	UL A	UL A	UL A	UL A	UL A
citric acid solution, 100 g/l	UL A	UL A	UL A	UL A	UL A
<u>Alkalis (low concentrations)</u>					
potassium hydroxide solution, 30 g/l	UL A	UL A	UL A	UL A	UL A
<u>Acids (high concentrations)</u>					
hydrochloric acid solution, 18 % (V/V)	UH A	UH A	UH A	UH A	UH A
lactic acid solution, 5 % (V/V)	UH A	UH A	UH A	UH A	UH A
<u>Alkalis (high concentrations)</u>					
potassium hydroxide solution, 100 g/l	UH A	UH A	UH A	UH A	UH A

Determination of class:

Household chemicals, swimming pool salts:

Class UA: no visible effect

Class UB: visible effects on cut sides

Class UC: visible effects on cut sides, non-cut sides and on the proper surface

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Test specimen

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Acids and alkalis, low concentrations:

Class ULA: no visible effect

Class ULB: visible effects on cut sides

Class ULC: visible effects on cut sides, non-cut sides and on the proper surface

Acids and alkalis, high concentrations:

Class UHA: no visible effect

Class UHB: visible effects on cut sides

Class UHC: visible effects on cut sides, non-cut sides and on the proper surface

Mod. P0391 rev.01



THE DIRECTOR
(M.L. Simioli)