

SEDE

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CERTI.CER.

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Part. IVA 0094778-0375

Bologna, 01/07/14

TEST REPORT N° 3912/14

concerning ceramic tiles according to
EN 14411 (ISO 13006)

Requested by:	FLORIM CERAMICHE S.p.A. - Via Canaletto 24 – 41042 FIORANO MODENESE (MO)
On (date):	14/05/14
For the sample marked:	Ceramic tiles of different sizes and thickness 1,0 cm marked "Unglazed ceramic tiles – Brand FLOOR GRES – Serie STYLETECH – Articolo METAL STYLE 01 SOFT".

EN ISO 10545-13 § 7 - Determination of chemical resistance - Unglazed tiles

Test solutions	Class of resistance				
	Test specimen 1	Test specimen 2	Test specimen 3	Test specimen 4	Test specimen 5
Household Chemicals:					
Ammonium Chloride 100g/l	UA	UA	UA	UA	UA
Swimming pool salts:					
Sodium hypochlorite 20mg/l	UA	UA	UA	UA	UA
Acids:					
Hydrochloric acid 3% V/V	ULA	ULA	ULA	ULA	ULA
Citric acid 100g/l	ULA	ULA	ULA	ULA	ULA
Alkali:					
Potassium Hydroxide 30g/l	ULA	ULA	ULA	ULA	ULA
Acids:					
Hydrochloric acid 18%V/V	UHA	UHA	UHA	UHA	UHA
Lactic acid 5% V/V	UHA	UHA	UHA	UHA	UHA
Alkali:					
Potassium Hydroxide 100g/l	UHA	UHA	UHA	UHA	UHA

CLASSIFICATION - References

U: Unglazed tiles
G: Glazed tiles
L: Low concentration chemicals
H: High concentration chemicals

Class A: No visible effect
Class B: Visible effects on cut sides
Class C: Visible effects on cut sides, non-cut sides and on the proper surface

Prof. Eng. Giorgio Timellini
Director



The results reported relate only to the samples tested. No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision. The reproduction of this test report is only authorized in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction. This test report consists of 1 pages, this cover included.



Consorzio universitario per la gestione del
«Centro di ricerca e sperimentazione per
l'industria ceramica».
D.P.R. 10-4-1978 n. 806
(G.U. 20-12-1978 n. 353)

Laboratorio autorizzato ad effettuare il
servizio di rilevamento dell'inquinamento
atmosferico.
Decreto MINISTERO SANITÀ 10-8-1974
(G.U. 14-9-1974 n. 240)

Laboratorio iscritto nell'albo dei «Laboratori Esterni
Pubblici e Privati Altamente Qualificati».
Decreto MINISTERO RICERCA SCIENTIFICA 6-6-1983
(G.U. 6-7-1983 n. 183)

Membro ASTM
American Society for
Testing and Materials.