

SEDE

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CERTI.CER.

LABORATORIO DI ZONA

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Part. IVA 0094778-0375

Bologna, 17/04/2008

Spett. le
KERAPLAN S.r.l.
Via Scaldasole, 22/26
I-27020 DORNO - PV

TEST LABORATORY

TEST REPORT N° 3662/08

concerning ceramic slabs

(traslation of test report Nr. 3661/08 of 16/04/2008)

Requested by:	KERAPLAN S.r.l. Via Scaldasole, 22/26 I-27020 DORNO - PV
On (date):	21/03/2008
For the sample marked:	-----

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.

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This test report consists of 3 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.

CENTRO CERAMICO - BOLOGNA

Test Report N° 3662/08 Date 17/04/2008

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DESCRIPTION OF THE SAMPLE: Glazed ceramic slabs 20 x 20 x 2.9 cm not marked.	
MANUFACTURER: KERAPLAN S.r.l.	
SAMPLING DETAILS: - Where: ----- - Date: ----- - By whom: CUSTOMER - How (methods): -----	
DATE OF RECEIVAL IN LABORATORY:	28/03/2008

TEST PERFORMED:

		Date of starting	Date of ending
<input checked="" type="checkbox"/>	EN 122 Determination of chemical resistance - Glazed tiles	03/04/08	10/04/08

EN 122 - Determination of chemical resistance
Glazed tiles

Test solutions	CLASS OF RESISTANCE FOR 5 SPECIMENTS				
	1	2	3	4	5
Stains:					
Methylene blue	1	1	1	1	1
Potassium permanganate	2	2	2	2	2
Household Chemicals:					
Ammonium Chloride	AA	AA	AA	AA	AA
Standard Cleaning Agent	AA	AA	AA	AA	AA
Swimming pool salts:					
Sodium hypochlorite	AA	AA	AA	AA	AA
Copper sulphate	AA	AA	AA	AA	AA
Acids:					
Hydrochloric acid	AA	AA	AA	AA	AA
Citric acid	AA	AA	AA	AA	AA
Alkali:					
Potassium Hydroxide	AA	AA	AA	AA	AA

Pencil test and/or reflexion test are applicable: YES

CLASSIFICATION	
Stains:	
Class 1:	stain removed by water
Class 2:	stain removed by cleaning agent
Class 3:	stain not removed
Household chemicals, swimming pool salts, acids and alkali (pencil test and/or reflection test):	
Class AA:	resistant
Class A:	less resistant than AA, more resistant than B
Class B:	less resistant than A, more resistant than C
Class C:	less resistant than B, more resistant than D
Class D:	not resistant
Household chemicals, swimming pool salts, acids and alkali (when pencil test and/or reflection test are not applicable):	
Class AA:	no visible effect
Class A:	slight change in appearance
Class B:	definitive change in appearance
Class C:	partial loss of the surface
Class D:	complete loss of the original surface

Prof. Eng. Giorgio Timellini
Director



