

SEDE

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CERTI.CER.

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Part. IVA 0094778-0375

Bologna, 17/05/10

TEST REPORT N° 4601/10

concerning ceramic tiles according to  
EN 14411 (ISO 13006)

Requested by:	LAMINAM S.p.A. – Via Ghiarola Nuova, 258 – 41042 FIORANO MODENESE (MO)
On (date):	13/05/10
For the sample marked:	Unglazed ceramic slabs 300 x 100 x 0,3 cm marked: "COLLECTION – LAMINAM 3".

### ISO 10545-14 – Determination of stain resistance

Test solutions	Resistance class				
	Test specimen 1	Test specimen 2	Test specimen 3	Test specimen 4	Test specimen 5
Chrome green in light oil	5	5	5	5	5
Iodine (alcoholic solution 13g/l)	5	5	5	5	5
Olive oil (def. Olive Oil Agreement - 1979)	5	5	5	5	5

#### Stain resistance class - References

- Resistance class 1: Stain not removed.
- Resistance class 2: Stain removed by dipping in a suitable solvent for 24 hours.
- Resistance class 3: Stain removed by mechanical cleaning and strong cleansing agent.
- Resistance class 4: Stain removed by manual cleaning with weak cleansing agent .
- Resistance class 5: Stain removed by means of hot current water for 5 min.

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.