

**SEDE**

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**CERTI.CER.**

**LABORATORIO DI ZONA**

Via Valle d'Aosta, 1 - 41049 **Sassuolo**  
Tel. e Fax. (0536) 802154

Part. IVA 0094778-0375

Bologna, 15/06/07

Spett. le  
REX CERAMICHE ARTISTICHE S.p.A.  
Via Viazza, 30  
41042 FIORANO MODENESE (MO)

## TEST LABORATORY

### TEST REPORT N° 3994/07

concerning ceramic tiles according to EN 14411 (ISO 13006)

(translation of test report Nr. 3920/04 of 19/07/04)

Requested by:	REX CERAMICHE ARTISTICHE S.p.A. Via Viazza, 30 41042 FIORANO MODENESE (MO)
On (date):	27/03/07
For the sample marked:	"Articolo ABISKO BETULLA - Codice 713512 - Formato 15x60 cm - Tono A50".

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.

Test Report N° 3994/07 Date 15/06/07

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## DESCRIPTION OF THE SAMPLE:

Glazed ceramic tiles 15 x 60 x 1,0 cm marked  
 "Articolo ABISKO BETULLA - Codice 713512 - Formato  
 15x60 cm - Tono A50".

MANUFACTURER: REX CERAMICHE ARTISTICHE S.p.A.

## SAMPLING DETAILS:

- Where: -----  
 - Date: -----  
 - By whom: CUSTOMER  
 - How (methods): -----

DATE OF RECEIVAL IN LABORATORY: 09/07/04

## TEST PERFORMED:

		Date of starting	Date of ending
<input checked="" type="checkbox"/>	UNI EN ISO 10545 - 7	Determination of resistance to surface abrasion - Glazed tiles	12/07/04 12/07/04

**UNI EN ISO 10545 - 7 - Determination of resistance to surface abrasion -  
Glazed tiles**

ABRASION STAGE:

PEI, failure visible at (rev.):

**>12000**

Test solutions	RESISTANCE CLASS (ISO 10545-14)				
	Test specimen 1	Test specimen 2	Test specimen 3	Test specimen 4	Test specimen 5
Stains					
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)	4	4	4	4	4

CLASSIFICATION:

Abrasion class:

**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. Ing. Giorgio Timellini  
Director

