

SEDE

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CERTI.CER.

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Part. IVA 0094778-0375

Bologna, 05/05/08

TEST REPORT N° **4266/08**

(translation of test report Nr. 4265/08 of 05/05/08)

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): | 18/04/08 |
| For the sample marked: | Glazed ceramic tiles of different sizes marked "Brand CERIM – Serie I LEGNI NATURALI – Articolo ISLANDA". |

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 | 4 | 4 | 4 | 4 | 4 |
| 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. Eng. **Giorgio Timellini**
Director

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Consorzio universitario per la gestione del
«Centro di ricerca e sperimentazione per
l'industria ceramica»
D.P.R. 10-4-1976 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.