



TEST REPORT: 20085188

Modena, 06/05/10

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| CUSTOMER | LAMINAM SPA - - VIA GHIAROLA NUOVA 258 - 41042 - FIORANO MODENESE - MO |
| MATERIAL and/o SAMPLE to be tested | LAIMATED PORCELAIN cm 20X30; |
| Denomination | COLLECTION NEVE - LAMINAM 3; |
| Date of sample reception | 03/10/2008; |
| Kind of test executed | Determination of Frost Resistance |
| Referring standards | UNI EN ISO 10545/12-00 |
| Shifting from standards | No one |
| Equipment | Thermo - freezer cod. MCP C29 |
| Calibration | 10/08/2006 |
| Subcontracted phases | No one |
| Sampling made by | Customer |

The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.
 The times of retain of the samples was indicated in "Pratiche Operative Standard" and in "Manuale Qualità".

Beginning date : 20/10/2008

Analysis ending date : 30/10/2008

DETERMINATION OF FROST RESISTANCE

SAMPLE : Ceramic tiles, size cm. 20X30 and marked « COLLECTION NEVE - LAMINAM 3»

The test was performed by immersing the tiles in water and subjecting them to 100 times at the cycles of frost/defrost from + 5°C and - 5°C.

RESULTS

- Mean water content before test E₁ : 0,12%
- Mean water content after test E₂ : 0,15%
- Number of tiles tested : 10
- Number of tiles damaged after 100 cycles : 0
- Damage caused by the test on the surface and on the edges of the tiles : No one

REQUIREMENTS

(Norm EN 14411 Annex G)

Required.

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| Examiner <i>Fili Thomas</i> P.I. Fili Thomas | Ceramic Dept. Responsible <i>De Pasquale Roberto</i> P.I. De Pasquale Roberto | Director <i>Sant'Unione Giuseppe</i> Dr. Sant'Unione Giuseppe |
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