

MODENA CENTRO PROVE s.r.l.

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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena nº 2231 - C.F. e P. IVA n. 01592020364

TEST REPORT: 20085190

Modena, 06/05/10

CUSTOMER	LAMINAM SPA VIA GHIAROLA NUOVA 258 - 41042 - FIORANO MODENESE - MO
MATERIAL and/o SAMPLE to be tested	LAMINATED PORCELAIN cm 20X30:
Denomination	COLLECTION NERO - LAMINAM 3;
Date of sample reception	03/10/2008:
Kind of test executed	Determination of Thermal Linear Expansion
Referring standards	UNI EN ISO 10545/8-00
Shifting from standards	No one
Equipment	Dilatometer MISURA ODLT
Calibration	
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 : 22/10/2008

Analysis ending date : 22/10/2008

DETERMINATION OF THERMAL LINEAR EXPANSION

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

The linear thermal expansion coefficient was determined in the temperature range from the environment temperature until 100°C.

RESULTS

Sample 1 α (10⁻⁶/°C)

: 6.2

Sample 2 α (10⁻⁶/°C)

: 6,3

REQUIREMENTS (Norm UNI EN 14411 Annex G)

Test method available.

Examiner . Biorci-Ivan Ceramic Dept Responsible

P.I. De Pasquale Roberto

Director

CDr. Sant'Unione Giuseppe