MODENA CENTRO PROVE s.r.l.

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TEST REPORT: 20081391

Modena, 05/05/10

CUSTOMER	LAMINAM SPA VIA GHIAROLA NUOVA 258 - 41042 - FIORANO MODENESE - MO					
MATERIAL and/o SAMPLE to be tested	LAMINATED PORCELAIN 200X300 mm					
Denomination	JUNGLE AVORIO LAMINAM 3+;					
Date of sample reception	05/03/2008;					
Kind of test executed	Determination of Flexion Resistance					
Referring standards	UNI EN ISO 10545/4-00					
Shifting from standards	No one					
Equipment	Crometro CRAB 424 cod. MCP C17	Calibro Mitutoyo cod. MCP C44				
Calibration	06/10/2006	07/06/2005				
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 the Conditions of the offer or contract to which this Report refers, in "Pratiche Operative Standard" and in "Manuale Qualità"

Beginning date : 10/03/2008

Analysis ending date : 10/03/2008

DETERMINATION OF FLEXION RESISTANCE

SAMPLE: Ceramic tiles, size mm. 200X300 and marked « JUNGLE AVORIO LAMINAM 3+»

The test has been performed applying a load on three points, with the central load to contact with the centre line of the does superior of the tile.

EXPERIMENTAL CONDITIONS

(switches diameter) mm d

20

(depth of switches covering) mm

(distance between bearing surface and the lip of tile) mm

5 10

(distance between bearing surface) mm

280

RESULTS

Parametro	Unit of measure							
Tile n°		1	2	3	4	5	6	7
Breaking load F	N	668	737	697	682	711	698	681
Breaking strength S	N	935	1032	976	955	995	977	953
Modulus of rupture R	N/mm ²	121,3	126,3	126,6	123,9	129,2	119,7	139,7

: 696 Breaking load F average N Breaking strength S average N : 977 Modulus of rupture R average N/mm² : 126,7

REQUIREMENTS

(Norm EN 14411 Annex G)

35 N/mm², no applicable with breaking strength \geq 3000 N. Modulus of rupture R average N/mm⁴

Single value

> 32

Examiner P. Biorci Ivan

Ceramic Dept. Responsible

Director

P.I. De Pasquate Roberto

Dr. Sant'Unione Giuseppe

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