

GARDEN STATE TILE

Together We Can Design For Life

DCOF TEST



MODENA CENTRO PROVE s.r.l.

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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

ALIMENTARE



Certificato n°
50 100 4582



Diploma
IWR/IT n°
30438



Socio



Membro



Socio

Unione Industriali
Modena



Iscritto

ASSOCIATO



ASSOCIATED

Modena, 02/05/14

To **GAMBINI GROUP INDUSTRIE
CERAMICHE SRL**
V.LE CORASSORI 70
41100 MODENA MO

Attn. **R. GUALDI**

MATERIAL and/or SAMPLE to be tested : WHITE BODY DOUBLE FIRING 20X50.2;

Denomination of the Sample : Serie DESIGN POSITIVE;

Client Reference: Your delivery NS RITIRO date:

Here attached, you will receive the Test Report of Serial No. **20142549/n**, which shows the results of tests required.

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Director
Sant'Unione dr. Giuseppe



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01592020364



LAB N°1018
Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements

TEST REPORT: 20142549/1

Modena, 02/05/14

CUSTOMER	GAMBINI GROUP INDUSTRIE CERAMICHE SRL - - V.LE CORASSORI 70 - 41100 - MODENA - MO
MATERIAL and/o SAMPLE to be tested	WHITE BODY DOUBLE FIRING 20X50.2;
Denomination	Serie DESIGN POSITIVE;
Date of sample reception	30/04/2014;
Kind of test executed	Determination of Flexion Resistance
Referring standards	UNI EN ISO 10545-4:2012
Shifting from standards	None
Equipment	Crometro Flex 1000-LX cod. MCP C93 - Calibro Mitutoyo cod. MCP C95 - Bindella metrica MCP C56
Calibration	C93: Certificato n° 1312371FSE del 25/11/2013 – C95: Certificato n° 1302275DSI del 08/03/2013 - C56: Certificato n° C11310C8F0 del 16/07/2013
Subcontracted phases	None
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 offer related to the test report.*

Examiner

P. Rebottini Mattha

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

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Director
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DETERMINATION OF FLEXION RESISTANCE

Beginning date : 30/04/2014

Analysis ending date : 02/05/2014

SAMPLE : Ceramic tiles marked « Serie DESIGN POSITIVE »

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

- **d** (switches diameter) mm : 20
- **t** (depth of switches covering) mm : 5
- **l** (distance between bearing surface and the lip of tile) mm : 10
- **L** (distance between bearing surface) mm : 480

RESULTS

Parametro	Unit of measure	1	2	3	4	5	6	7
Tile n°								
Breaking load F_{bl}	N	453	445	440	423	452	448	477
Breaking strength F_{bs}	N	1087	1068	1056	1015	1085	1075	1145
Modulus of rupture δF_{bl}	N/mm ²	23,7	23,8	23,0	22,6	33,5	23,4	24,3

Breaking load F_{bl} average (N)	=	448
Breaking strength F_{bs} average (N)	=	1076
Modulus of rupture δF_{bl} average (N/mm ²)	=	24,9

REQUIREMENTS

(Standard EN 14411:2012 Annex K)

- Modulus of rupture **δF_{bl}** average N/mm² : ≥ 12, no applicable with breaking strength ≥ 3000 N.

Examiner
 P. Rebottini Mattia

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