

**MODENA CENTRO PROVE s.r.l.**

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MECCANICA

ECOLOGIA

CERAMICA

AUTOMOTIVE

Modena, 23/12/22

To **CERAMICA DEL CONCA SPA**
VIA CROCE 8 FRAZIONE S.ANDREA
CASAL
47832 SAN CLEMENTE RN

Attn. **SIG.RA BORGHI**
DOTT. MONTI

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
Ceramic tiles	120x120x2 DEL CONCA GRES 1	Your delivery	01/12/2022

Here attached, you will receive the Test Report of Serial No. **20227643**/n, which shows the results of tests required.

MODENA CENTRO PROVE

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



TEST REPORT: 20227643/1

Modena, 23/12/22

CUSTOMER	CERAMICA DEL CONCA SPA - - VIA CROCE 8 FRAZIONE S.ANDREA CASAL - 47832 - SAN CLEMENTE - RN
MATERIAL and/o SAMPLE to be tested	Ceramic tiles;
Denomination#	120x120x2 DEL CONCA GRES 1;
Date of sample reception	01/12/2022;
Date of sample acceptance	01/12/2022;
Kind of test executed	Determination of modulus of rupture and breaking strenght
Referring standards	UNI EN ISO 10545-4:2019
Shifting from standards	No one
Equipment	Flexural test machine cod. MCP C152 - Gauge cod. MCP C145 - Metric band-mill cod. MCP C56
Subcontracted phases	No one
Sampling made by	Customer

The test results reported in this Test Report refer only to the sample sampled by our staff and / or given by the Customer as received.

The sample identification data were provided by the customer. Further additional information provided by the Customer will be reported in the Test Report with symbol #. If the information provided by the customer influences the validity of the results, MCP declines all responsibility.

Any changes / additions made to the Test Report after its first issue will be identified by underlining the text.

The Customer undertakes to reproduce this document in its entirety. Any form of partial reproduction is prohibited.

The storage times of the samples are indicated on the offer or contract to which this Test Report refers.

Examiner p.i. Bortolai Alberto	MODENA CENTRO PROVE Ceramic Dept. Responsible P.I. De Pasquale Roberto	MODENA CENTRO PROVE Director Sant'Unione dr. Giuseppe
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DETERMINATION OF MODULUS OF RUPTURE AND BREAKING STRENGTH

Beginning date : 14/12/2022

Analysis ending date : 15/12/2022

RESULTS

The test has been performed on entire samples

Width of the test specimen **b** 1200 mm
 Dimension of tile **L** 1200 mm
 Diameter of rod **d** 20 mm
 Thickness of rubber **t** 5 mm
 Overlap of tile beyond the edge supports **l₁** 10 mm

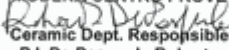
PARAMETER	Unit of measure			
Tile n°		1	2	3
Span between the support rods l₂	mm	1180	1180	1180
Width of the test specimen b	mm	1200	1200	1200
Breaking load F	N	16357	16209	16103
Breaking strength S	N	16084	15939	15835
Modulus of rupture R	N/mm ²	61,5	61,0	61,2

Breaking load **F** average value (N) = 16223
 Breaking strength **S** average value (N) = 15953
 Modulus of rupture **R** average value (N/mm²) = 61,2

Examiner


 p.i. Bortolai Alberto

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