

**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

Modena, 27/11/19

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

Attn. **SIG.NA BORGHI**
SIG. MONTI

MATERIAL and/or SAMPLE to be tested	Denomination of the Sample	Client Reference – Your delivery	date
porcelain tiles	HTL 60x120	-	11/11/2019

Here attached, you will receive the Test Report of Serial No. **20198167**/n, which shows the results of tests required.

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Director
Sant'Unione dr. Giuseppe

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LAB N°1018L

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILACSignatory of EA, IAF and ILAC Mutual
Recognition Agreements**TEST REPORT: 20198167/1**

Modena, 27/11/19

CUSTOMER**CERAMICA DEL CONCA SPA - - VIA CROCE 8 FRAZIONE S.ANDREA
CASAL - 47832 - SAN CLEMENTE - RN****MATERIAL and/o SAMPLE to be
tested**

porcelain tiles;

Denomination

HTL 60x120;

Date of sample reception

11/11/2019;

Date of sample acceptance

11/11/2019;

Kind of test executed

Determination of Modulus of rupture and Breaking strength

Referring standards

UNI EN ISO 10545-4:2014/EC 1-2015

Shifting from standards

No one

EquipmentFlexural 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 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.i. Bortolai Alberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

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DETERMINATION OF MODULUS OF RUPTURE AND BREAKING STRENGTH

Beginning date : 19/11/2019

Analysis ending date : 20/11/2019

SAMPLE : Ceramic tiles, marked « HTL 60x120 »

RESULTS

The test has been performed on entire samples

Width of the test specimen **b** 600 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	600	600	600
Minimum thickness of the specimen h	mm	8,9	8,9	9,0
Breaking load F	N	1523	1470	1557
Breaking strength S	N	2995	2891	3062
Modulus of rupture R	N/mm ²	56,7	54,7	56,7

Breaking load **F** average value (N) = 1517
Breaking strength **S** average value (N) = 2983
Modulus of rupture **R** average value (N/mm²) = 56,1

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