

**SEDE**

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**CERTI.CER.**

**LABORATORIO DI ZONA**

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Part. IVA 0094778-0375

*Bologna,*

*30/01/2015*

Messrs

*LAPITEC S.P.A.  
VIA BASSANESE 6  
31050 VEDELAGO  
ITALY*

**ADVANCED CERAMIC LABORATORY**

**TEST REPORT No. 012/15**

Requested by:

Lapitec S.p.A.  
Via Bassanese 6  
31050 Vedelago  
Italy

On (date):

19/01/2015

For the sample marked:

"Lapitec Sintered Stone"

**The results reported relate only to the samples tested.**

**No responsibility is taken for the accuracy of the sampling unless it is done under our supervision.**

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**This test report consists of 3 pages this cover included.**



Consorzio universitario per la gestione del  
«Centro di ricerca e sperimentazione per  
l'industria ceramica».  
D.P.R. 10-4-1978 n. 806  
(G.U. 20-12-1978 n. 353)

Laboratorio autorizzato ad effettuare il  
servizio di rilevamento dell'inquinamento  
atmosferico.  
Decreto MINISTERO SANITÀ 10-8-1974  
(G.U. 14-9-1974 n. 240)

Laboratorio iscritto nell'albo dei «Laboratori Esterni  
Pubblici e Privati Altamente Qualificati».  
Decreto MINISTERO RICERCA SCIENTIFICA 6-6-1983  
(G.U. 6-7-1983 n. 183)

Membro ASTM  
American Society for  
Testing and Materials.

<b>Description of the sample:</b> Specimens 80x20x12 mm, marked "Lapitec Sintered Stone"	
<b>Manufacturer:</b>	
<b>Sampling details:</b> - Where: ----- - Date: ----- - By whom: CUSTOMER - How (methods): -----	
<b>Date of receipt in laboratory:</b>	21/01/2015

TEST PERFORMED:

		Date of starting	Date of ending
<input checked="" type="checkbox"/>	Determination of modulus of rupture	29/01/15	29/01/15

**Determination of modulus of rupture**

The test was conducted on the working surface of ten suitable specimens by using an MTS 10/M dynamometer and referring to the technical specifications reported in the standard test method: ASTM C 674-88:R-2006 Standard Test Methods for Flexural Properties of Ceramic Whiteware Materials.

d - diameter of rods (mm):

4

l - overlap of sample beyond the edge supports (mm):

10

L - span between the support rods (mm):

60

No. Specimen	1	2	3	4	5	6	7	8	9	10
M, Modulus of Rupture (N/mm <sup>2</sup> )	64.1	61.3	58.5	53.3	60.9	58.5	64.5	59.0	57.7	56.2

Average modulus of rupture (N/mm<sup>2</sup>):

59.4

Std. dv. (N/mm<sup>2</sup>):

3.4

Prof. Maria Chiara Bignozzi  
DIRECTOR

