

DECLARATION OF PERFORMANCE

No. 001DoP-LA-2023

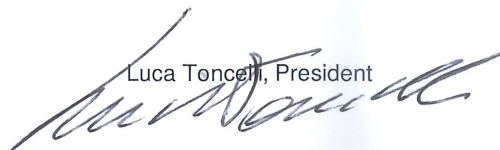
- 1. Unique identification code of the product-type:** Lapitec Sintered Stone.
Vacuum vibro-compressed sintered stone slabs with water absorption $E_b \leq 0.2\%$.
- 2. Intended use/es:** Non-structural uses for internal and external finishing in walls, floors and stairs, infill panels in curtain walling and cladding elements in external wall cladding systems
- 3. Manufacturer:** Breton S.p.A., Via Bassanese 6, 31050 Vedelago (TV) - Italy
- 4. System of AVCP:** 1
- 5. European Technical Assessment:** ETA 23/0194 issue 1, issued on 27/03/2023, on the basis of EAD 090142-00-0404 by BRE Global Assurance (Ireland) Ltd – 2831-CPR-C0007
- 6. Declared performances:**

<u>Essential characteristics</u>	<u>Performance</u>	<u>Harmonised technical specification</u>
Reaction to fire	A1	EN 13501-1:2018
Water vapour resistance factor	3.88×10^4	EN ISO 12572:2016
Flexural strength	44 MPa	EN 14617-2:2016
Impact resistance	12mm - 1.1 J	EN 14617-9:2005
	20mm - 2.68 J	
	30mm - 4.22 J	
Abrasion resistance	29 mm	EN 14617-4:2012
Slip resistance	Lux – Dry/Wet – 73/13	EN 14231:2003
	Satin – Dry/Wet – 61/20	
	Lithos – Dry/Wet – 84/34	
	Vesuvio – Dry/Wet – 89/30	
	Arena – Dry/Wet – 106/62	
	Velluto – Dry/Wet – 58/38	
Chemical resistance	C ₃	EN 14617-10:2012
Dimension stability	Class A	EN 14617-12:2012
Resistance to freeze-thaw	95 %	EN 14617-5:2012
Linear thermal expansion	$5.8 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	EN 14617-11:2005
Thermal shock Δ	-3.7 %	EN 14617-6:2012
Thermal conductivity	$0.023 \text{ Wm}^{-1}\text{K}^{-1}$	EN 15285:2008

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Luca Toncelli, President



At Vedelago on May 31st 2023

Breton S.p.A.

Via Garibaldi 27, 31030 Castello di Godego (TV) - Italy / Tel. +39 0423 76 91 - Fax +39 0423 76 96 00 - info@breton.it / breton.it
 REA TV n. 175609 / Codice Fiscale, Registro Imprese TV e Partita Iva IT 01880270267 / Capitale Sociale 20.000.000,00 i.v.
 Società soggetta all'attività di direzione e coordinamento di Sigeo S.p.A.

CE

23

Breton S.p.A., Via Bassanese 6, 31050 Vedelago (TV) – Italy

Lapitec Sintered Stone

EAD 090142-00-0404
BRE Global Assurance (Ireland) Ltd
2831-CPR-C0007

001DoP-LA-2023

Full-bodied sintered stone slabs for non-structural internal and external use in cladding, flooring, paving, stairs, rainscreen and curtain walling kits

<u>Essential characteristics</u>	<u>Performance</u>
Reaction to fire	A1
Water vapour resistance factor	3.88×10^4
Flexural strength	44 MPa
Impact resistance	12mm - 1.1 J
	20mm - 2.68 J
	30mm - 4.22 J
Abrasion resistance	29 mm
Slip resistance	Lux – Dry/Wet – 73/13
	Satin – Dry/Wet – 61/20
	Lithos – Dry/Wet – 84/34
	Vesuvio – Dry/Wet – 89/30
	Arena – Dry/Wet – 106/62
Velluto – Dry/Wet – 58/38	
Chemical resistance	C ₃
Dimension stability	Class A
Resistance to freeze-thaw	95 %
Linear thermal expansion	$5.8 \cdot 10^{-6} \text{C}^{-1}$
Thermal shock Δ	-3.7 %
Thermal conductivity	$0.023 \text{ Wm}^{-1}\text{K}^{-1}$

Signed for and on behalf of the manufacturer by:

At Vedelago on June 1st 2023

Luca Toncelli, President



Breton S.p.A.

Via Garibaldi 27, 31030 Castello di Godego (TV) - Italy / Tel. +39 0423 76 91 - Fax +39 0423 76 96 00 - info@breton.it / breton.it
REA TV n. 175609 / Codice Fiscale, Registro Imprese TV e Partita Iva IT 01880270267 / Capitale Sociale 20.000.000,00 i.v.
Società soggetta all'attività di direzione e coordinamento di Sigep S.p.A.