

EC Declaration of Performance no. CSsb - 771-2 -1

- 1) **Unique identification code of the product type:** silicate brick CSbl 250x120x65
- 2) **Type number:** CSsb 250x120x65
- 3) **Intended use of the manufacturer:** for use in interior and exterior walls, partitions and for laying fence posts
- 4) **Manufacturer's name and contact address:** AS Silikaat, Silikaltsiidi 8, 11216 Tallinn, Estonia
- 5) **System of assessment and verification of constancy of performance of the construction product:** Verification system 2+
- 6) **The notified body, the Certification Centre of Tallinn University of Technology** performed the initial factory and factory production control inspections and continues to perform monitoring and evaluation of factory production control under system 2+ and has issued the certificate of conformity of the factory production control no. 1504-CPR-0267

7) **Declared performance:**

Key features:	Performance:	Harmonized standard:
Dimensions (length, width, height)	250 mm, 120 mm, 65 mm	EVS-EN 771-2:2011 + A1:2015
Dimensional tolerances	T1	
Category of stone:	I	
Compressive strength (average) on gross area	$\geq 25 \text{ N/mm}^2$	
Normalised compressive strength	$\geq 20 \text{ N/mm}^2$	
Type of test piece	whole stone	
Direction of load	perpendicular to beds	
Adhesion strength based on fixed value (Annex C to EN 998-2:2010)	0.15 N/mm^2	
Reaction to fire	A1	
Water absorption	10–15% (by mass)	
Water vapour permeability (table value)	5/25	
Gross dry density	$1700\text{--}1900 \text{ kg/m}^3$	
Equivalent thermal conductivity	$0.86 \text{ W/m}^*\text{K}$	
Frost resistance	F2	

- 8) The performance of the product described above corresponds to the declared performance (see clause 7). This Declaration of Performance has been issued under the sole responsibility of the manufacturer.

Signed by and on behalf of the manufacturer:

Vello Kunman
Member of the Management Board

In Tallinn
10 December 2019