



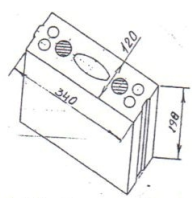
DECLARATION OF PERFORMANCE

In accordance with EU Construction Products Regulation (CPR) No. 305/2011
No. M12-20/2014-1

- 1. Unique identification code of the product-type:** Calcium Silicate blocks under LST EN 771-2
- 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):** ARKO M-12. See the product label.
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:** To be used in the construction of self-supporting walls and dividing walls between rooms, with thin-layer mortar seams
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer (as required under Article 11(5)):** "Silikatas" AB, Savanorių pr. 124, Vilnius LT-03153, www.silikatas.lt, info@silikatas.lt, phone.+370 5 2311850
- 5. Where applicable, the name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):** Not applicable.
- 6. System or systems of assessment and verification of consistency of performance of the construction product as set out in Annex V:** System 2+
- 7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:**

The state enterprise "Statybos produkcijos sertifikavimo centras" (identification no. 1397) carried out the initial inspection of the manufacturing plant and an inspection of the factory production control under System 2+ and issued the EC Certificate of Factory Production Control Certificate No. 1397-CPD-0138; it continues to monitor and assess factory production control.

8. Declared performance:

Essential Characteristics	Performance	Harmonized technical specification
Dimensions: Length x Width x Height	340±2 mm x 150±2 mm x 198±1 mm	LST EN 771-2:2011
Dimensional Tolerances: Category	T2	
Flatness of bed faces	NPD	
Plane parallelism of bed faces	NPD	
Form (configuration) Product displayed with its bed surface pointing up		
Compressive Strength (Category I): Mean Strength class	⊥ to the bed surface of the intact product ≥19.3 N/mm ² 20	
Shear bond strength, fixed value by LST EN 998-2	0.3 N/mm ²	
Reaction to fire, according to LST EN 13501-1 (no testing)	A1	
Water absorption	≤18 %	
Water vapour diffusion coefficient according to LST EN 1745	5/10	
Direct airborne sound insulation: Gross dry density Percentage of void volume Total minimum thickness of shells and webs: Longitudinal, as a percentage of the product's length Transversal, as a percentage of the product's width	(1310-1500) kg/m ³ 20% 27% 54%	
Thermal conductivity according to LST EN 1745	0.68 W/mK (λ _{10,dry,unit})	
Durability against freeze-thaw	F2 (50 cycles)	
Dangerous substances	None	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer:

Vytautas Česnauskas, Director General
 (name, last name and function)

Vilnius, 2014-03-03

(time and place where issued)

 (signature)