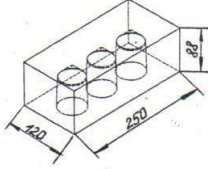


DECLARATION OF PERFORMANCE
No. S-15/2018-1

1. **Unique identification code of the product-type:** Category I Calcium Silicate hollow bricks **ARKO S-15**.
2. **Intended use/es:** unprotected masonry (U) to be used in the construction of interior and exterior walls and columns using general purpose mortar or lightweight mortar, in buildings built for various purposes.
3. **Manufacturer:** "Silikatas" AB, Savanorių pr. 124, Vilnius LT-03153, www.silikatas.lt, info@silikatas.lt, [phone.+370 5 2311850](tel:+37052311850).
4. **System of assessment and verification of consistency of performance:** 2+
5. **Harmonised standard:** LST EN 771-2:2011+A1:2015 „Specification for masonry units-Part 2:Calcium silicate masonry units”.
6. **Notified body:** the state enterprise "Statybos produkcijos sertifikavimo centras", Linkmenų g. 28, Vilnius, identification no. 1397 .

7. Declared performance:

Essential Characteristics	Unit	Performance	Class (group)
Dimensions: length, width, height	mm	250 x 120 x 88	
Dimensional Tolerances Category	mm	±2 x ±2 x ±2	T1
Configuration group according to EC 6			1
Compressive Strength: Mean Normalized	N/mm ² N/mm ²	⊥ to the bed surface of the intact product ≥20,7 ≥15,0	15
Shear bond strength, fixed value by LST EN 998-2 (annex C)	N/mm ²	0,15	
Reaction to fire			A1
Water absorption	%	≤16	
Water vapour diffusion coefficient according to LST EN 1745 (annex A)		5/25	
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	kg/m ³ %	1510-1700 15	
	%	40	
	%	58	
Thermal conductivity λ _{10,dry,unit} according to LST EN 1745 (annex B)	W/mK	0,70	
Durability against freeze-thaw	Cycles	≥ 50	F2

Dangerous substances		None	
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The performance of the product identified above is in conformity with the set of declared performance. 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:

Vytautas Česnauskas, Director General



Vilnius, 2018-05-02