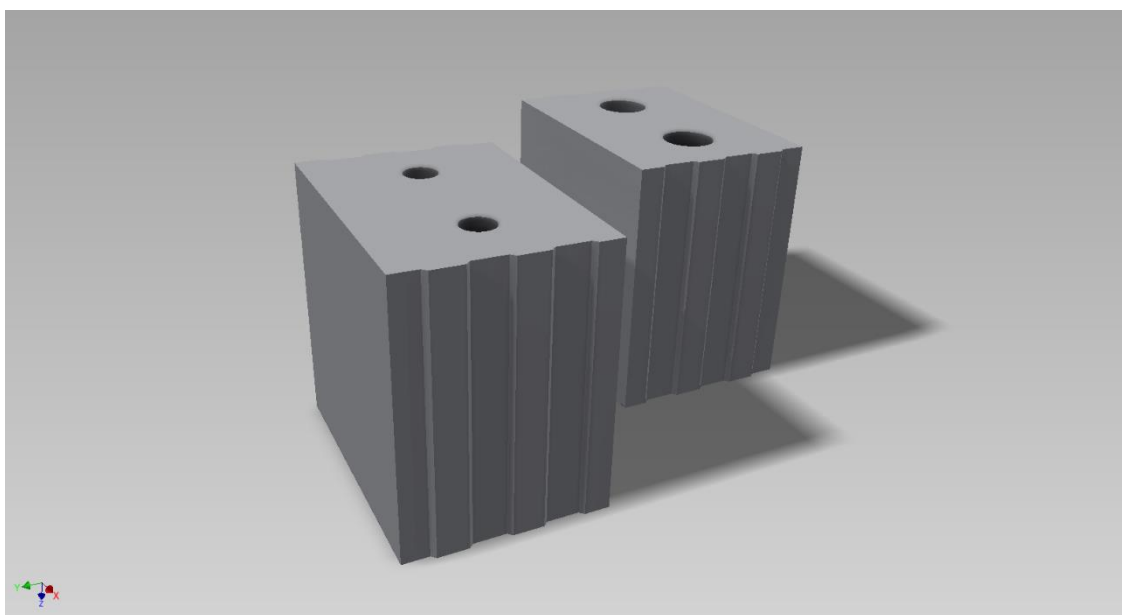


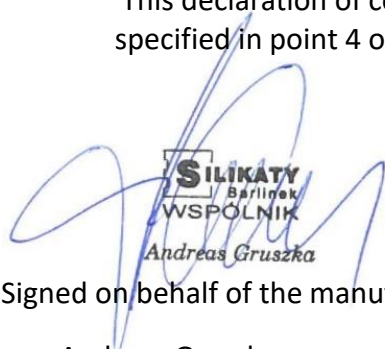


Declaration of Performance
Reduced hollow silicate block, tongue-and-groove.

SBP 18/24 – 20 N/mm²



This declaration of conformity is issued under the sole responsibility of the manufacturer specified in point 4 of this declaration.



SILIKATY
Barlinek
WSPÓLNIK
Andreas Gruszka

Signed on behalf of the manufacturer by:

Andreas Gruszka

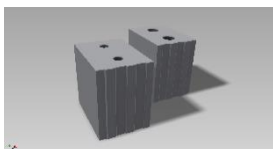


Barlinek, 15.02.2021

DECLARATION OF PERFORMANCE (SBP 18/24, Kl. 20)

№ 12/SB/2021/SBP

1. Unique product type identification code: **SBP 18/24-20**
2. Type, batch, or serial number: **SBP 18/24/20** (production date on the label attached to the product)
3. Intended use: masonry walls, columns, and partition walls. Intended for the construction of internal walls, external walls, basement walls, and foundations. Category I
4. Manufacturer / Manufacturer's address: **SILIKATY BARLINEK A. GRUSZKA SP. J.
UL. OKRĘTOWA 6
74-320 BARLINEK (POLAND)
www.silikatybarlinek.pl**
Product commercial marking: **Błoczek silikatowy, drążony, pióro-wpust
SBP 18/24 kl. 20**
1. Name and contact address of the authorized representative – **not applicable**.
2. Assessment and verification system of the constancy of performance of the construction product - **System 2+**
3. The product complies with the harmonized standard **EN 771-2:2015-11**. KIWA GmbH MPA Berlin-Brandenburg (0770) carried out the initial product and technology testing, then confirmed compliance according to System 2+ and issued the production control certificate with the number **0770-CPR-20DE-00001-01-21**.
4. The construction product is subject to a European Technical Assessment (ETA) – **Not applicable**
5. Declared physical and technical properties:

Main characteristics		Performance characteristics		Harmonized Standards
Dimensions	Length	250 mm		EN 771-2:2015-11
	Width	180 mm		
	Hight	240 mm		
Dimensional tolerances	Category	T2		
	Flatness	NPD		
	Parallelism	NPD		
Shape and structure 		Group 1		
		Approximate weight	19 kg	
		Quantity per pallet	80 pcs.	
		Consumption (pcs/m²)	15 (mortar) 16,5 (adhesive)	
Compressive strength	Average	28 N/mm²		
	Nominal	20 N/mm²		
	Direction of testing	Perpendicular to the substrate		
Percentage of voids in the block		approx. 7,4 %		
Masonry joint strength [N/mm²]		Thin-layer adhesive mortar 0.30 Cement mortar 0.15		
Fire resistance		Euroclass A1		
Water absorption		Max. 12 %		
Water vapor diffusion coefficient		5/25		
Bulk density (gross dry)		Class 1,8		
Thermal conductivity coefficient [W/(m·K)]		0,55 (S1)		
Frost resistance		50 cycles F2		
Harmful substances (inclusions)		None		

6. The physical properties of the product listed in points 1 and 2 are in accordance with the properties provided in point 9.