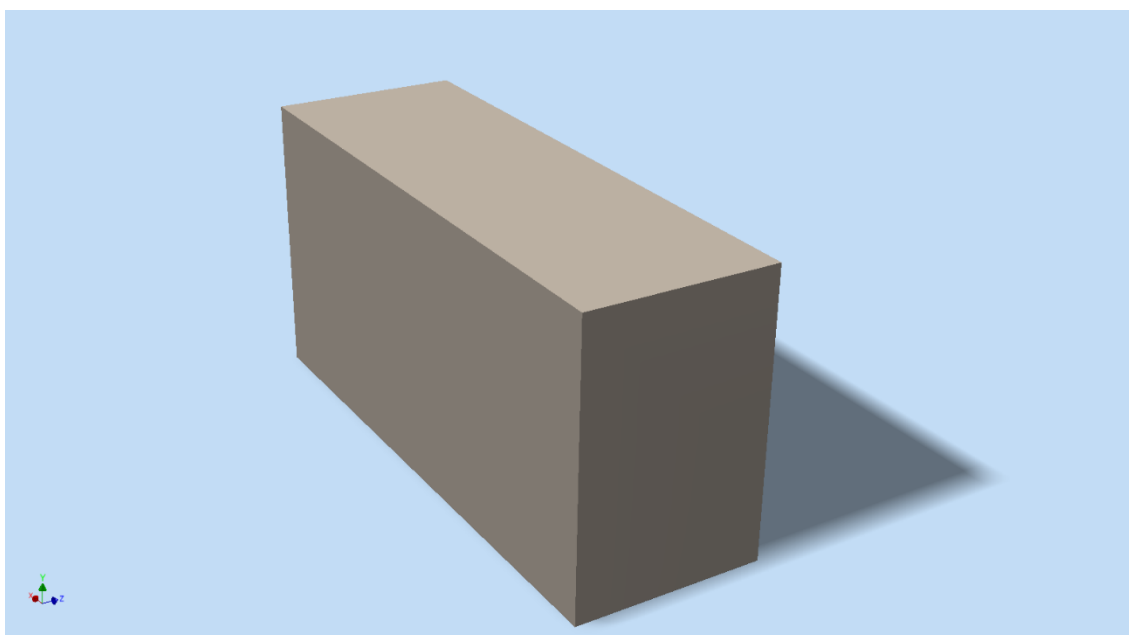


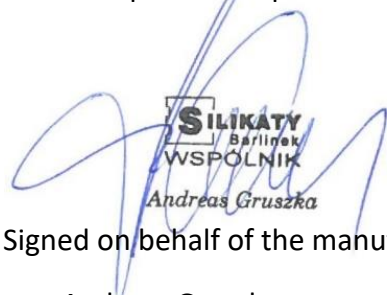


Declaration of Performance
Silicate Block

1 NF – 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

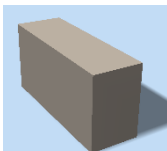


Barlinek, 15.02.2021

DECLARATION OF PERFORMANCE (BP 1NF, Kl. 20)

№ 10/SB/2021/BP

1. Unique product type identification code: **BP 1NF 12/8-20**
2. Type, batch, or serial number: **BP 12/8/20** (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 (POLEN)
www.silikatybarlinek.pl
Product commercial marking: **Bloczek silikatowy BP 1NF 12/8 kl. 20**
5. Name and contact address of the authorized representative – **not applicable**.
6. Assessment and verification system of the constancy of performance of the construction product - **System 2+**
7. 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**.
8. The construction product is subject to a European Technical Assessment (ETA) – **Not applicable**
9. Declared physical and technical properties:

Main characteristics		Performance characteristics		Harmonized Standards
Dimensions	Length	240 mm		EN 771-2:2015-11
	Width	120 mm		
	Hight	80 mm		
Dimensional tolerances	Category	T2		
	Flatness	NPD		
	Parallelism	NPD		
Shape and structure 		Group 1		
		Approximate weight	4,5 kg	
		Quantity per pallet	384 szt	
		Consumption (pcs/m²)	42 (mortar) 52 (adhesive)	
Compressive strength	Average	36 N/mm²		
	Nominal	20 N/mm²		
	Direction of testing	Perpendicular to the substrate		
Percentage of voids in the block		approx. 26 %		
Masonry joint strength [N/mm²]		Thin-layer adhesive mortar 0.30 Cement mortar 0.15		
Fire resistance		Euroclass A1		
Water absorption		Max. 14 %		
Water vapor diffusion coefficient		5/25		
Bulk density (gross dry)		Class 1,8		
Thermal conductivity coefficient [W/(m·K)]		0,40 (S1)		
Frost resistance		50 cycles F2		
Harmful substances (inclusions)		None		

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