

# VITRABLOK, s. r. o.

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## DECLARATION OF PERFORMANCE

**Declaration number:** 23/BG30F/4/17

**1. Unique identification code of the product-type:**

Glued glass block

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4):**

Clear BG 1919/8 30F

**3. Intended use or uses of the construction product, in accordance with applicable harmonized technical specification, as foreseen by the manufacturer:**

Use for building of bearing and non-bearing constructions.

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11 (5):**

Vitrablok, s. r. o.  
Bílinská 42  
Duchcov  
419 14  
Czech Republic

**5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):**

Petr Králík  
Plant manager  
Vitrablok, s. r. o.  
Bílinská 42  
Duchcov  
419 14  
Czech Republic

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 4

**7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:**

According to European commission for construction products No. 305/2011, Vitrablok, s. r. o. declares that the construction product is in conformity with standard stated by harmonized norm EN 1051-1:2003. The construction product is safe when used as stated in point 3.

The evaluation of conformity was performed according to EN 1051-2.

**8. Declared performance:**

<i>Essential characteristic</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Reaction on fire	A1	EN 13501-1
Fire resistance class	REI 45/RE 30	EN 13501-2 EN 1365-2
Bullet resistance	FB3 S	EN 1063
Explosion resistance	NPD	EN 13541
Burglar resistance	RC3/P2A	EN 356
Resistance to temperature differences	30 K	EN 1051-2
Mechanical resistance (compressive strength)	> 54 kN	EN 1051-1
Sound insulation	47 dB	EN 140-3 EN 717-1
Thermal insulation (U)	2.2 Wm <sup>-2</sup> K <sup>-1</sup>	EN 673
Light transmission:		EN 410
clear	61%	
sandblasted (one side)	53%	
sandblasted (both sides)	47%	
Solar energy characteristics (g) **:		EN 410
clear	50/47%	
sandblasted (one side) *	49/46%	
	45/42%	
sandblasted (both sides)	44/41%	

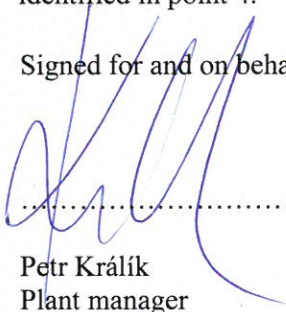
\* First value is determined for radiation incidence onto non-sandblasted surface, second onto sandblasted one.

\*\* First value is determined for radiation incidence onto surface with *low-e* coating, second onto surface without it.

**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:



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Petr Králík  
Plant manager

Duchcov (Czech Republic), 8<sup>th</sup> March 2017