

VITRABLOK, s. r. o.

DECLARATION OF PERFORMANCE

Declaration number: 52/Q19FE /1/16

1. Unique identification code of the product-type:

Welded glass block

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

Blu Q19
Verde Q19
Acquamarina Q19
Rosa Q19
Turchese Q19
Siena Q19
Nordica Q19

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 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	E 60	EN 13501-2 EN 1364-1
Bullet resistance	NPD	EN 1063
Explosion resistance	NPD	EN 13541
Burglar resistance	NPD	EN 356
Resistance to temperature differences	30 K	EN 1051-2
Mechanical resistance (compressive strength)	> 9 MPa	EN 1051-1
Sound insulation	39 dB	EN 140-3 EN 717-1
Thermal insulation (U)	2.6 Wm ⁻² K ⁻¹	EN 673
Light transmission:		EN 410
Blu Q19	23%	
sandblasted (one side)	20%	
sandblasted (both sides)	17%	
Verde Q19	76%	
sandblasted (one side)	62%	
sandblasted (both sides)	50%	
Acquamarina Q19	74%	
sandblasted (one side)	61%	
sandblasted (both sides)	51%	
Rosa Q19	71%	
sandblasted (one side)	60%	
sandblasted (both sides)	51%	
Turchese Q19	71%	
sandblasted (one side)	NPD	
sandblasted (both sides)	NPD	
Siena Q19	55%	
sandblasted (one side)	45%	
sandblasted (both sides)	37%	
Nordica Q19	50%	
sandblasted (one side)	41%	
sandblasted (both sides)	33%	
Solar energy characteristics (g):		EN 410
Blu Q19	63%	
sandblasted (one side)*	58/60%	
sandblasted (both sides)	56%	

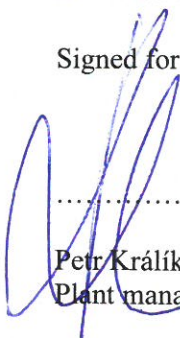
Verde Q19 sandblasted (one side)* sandblasted (both sides)	77% 67/74% 65%	
Acquamarina Q19 sandblasted (one side)* sandblasted (both sides)	75% 63/72% 61%	
Rosa Q19 sandblasted (one side)* sandblasted (both sides)	75% 67/72% 65%	
Turchese Q19 sandblasted (one side)* sandblasted (both sides)	64% NPD NPD	
Siena Q19 sandblasted (one side)* sandblasted (both sides)	69% 61/67% 60%	
Nordica Q19 sandblasted (one side)* sandblasted (both sides)	67% 59/65% 57%	

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

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), 18th April 2016