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:

Essential characteristic	Danform	17
Essential characteristic	Performance	Harmonized
		technical
Reaction on fire	A 1	specification
Fire resistance class	A1	EN 13501-1
The resistance class	E 60	EN 13501-2
Bullet resistance	ADD	EN 1364-1
Explosion resistance	NPD	EN 1063
Burglar resistance	NPD	EN 13541
Resistance to temperature differences	NPD	EN 356
Mechanical resistance (compressive strength)	30 K	EN 1051-2
Sound insulation	> 9 MPa	EN 1051-1
Sound insulation	39 dB	EN 140-3
Thermal insulation (U)	2.6 Wm ⁻² K ⁻¹	EN 717-1
Light transmission:	2.0 Wm K	EN 673
Blu Q19	23%	EN 410
sandblasted (one side)	20%	
sandblasted (both sides)	17%	
surrasted (both sides)	1 / /0	
Verde Q19	76%	
sandblasted (one side)	62%	
sandblasted (both sides)	50%	
()	3070	
Acquamarina Q19	74%	
sandblasted (one side)	61%	
sandblasted (both sides)	51%	
Rosa Q19	71%	
sandblasted (one side)	60%	
sandblasted (both sides)	51%	
T 1 010		
Turchese Q19	71%	
sandblasted (one side)	NPD	
sandblasted (both sides)	NPD	
Siena Q19	550/	
sandblasted (one side)	55%	
sandblasted (both sides)	45%	
salidolasted (both sides)	37%	
Nordica Q19	50%	
sandblasted (one side)	41%	
sandblasted (both sides)	33%	
commission (com sides)	3370	
Solar energy characteristics (g):		EN 410
Blu Q19	63%	LIVTIU
sandblasted (one side)*	58/60%	
sandblasted (both sides)	56%	

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

Petr Králík Plant manager

Duchcov (Czech Republic), 18th April 2016