

VITRABLOK, s. r. o.

DECLARATION OF PERFORMANCE

Declaration number: 18/BSH20/4/17

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):

Clear 1919/8 BSH 20

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 90 | EN 13501-2 EN 1364-1 |
| Bullet resistance | BR2/NS; 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) | > 21 MPa | EN 1051-1 |
| Sound insulation | 42 dB | EN 140-3 |
| Thermal insulation (U) | 2.8 Wm ⁻² K ⁻¹ | EN 673 |
| Light transmission: | | EN 410 |
| clear | 71% | |
| sandblasted (one side) | 62% | |
| sandblasted (both sides) | 55% | |
| Solar energy characteristics (g): | | EN 410 |
| clear | 69% | |
| sandblasted (one side) | 63% | |
| sandblasted (both sides) | 61% | |

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), 8th March 2017