

# VITRABLOK, s. r. o.

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## DECLARATION OF PERFORMANCE

**Declaration number:** 13/LE08CL/1/13

**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 Linear End

**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:**

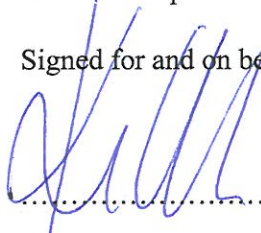
| <i>Essential characteristic</i>              | <i>Performance</i> | <i>Harmonized technical specification</i> |
|--|--------------------|---|
| Reaction on fire                             | Euroclass A1       | EN 13501-1                                |
| Bullet resistance                            | 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) | > 8 MPa            | EN 1051-1                                 |
| Sound insulation                             | NPD                | EN 572-1                                  |
| Thermal insulation (U)                       | NPD                | EN 673                                    |
| Light transmission:                          |                    | EN 410                                    |
| clear  | 80%                |   |
| sandblasted (one side)                       | 70%                |   |
| sandblasted (both sides)                     | 61%                |   |
| Solar energy characteristics (g):            |                    | EN 410                                    |
| clear  | 78%                |   |
| sandblasted (one side) *                     | 71/75%             |   |
| sandblasted (both sides)                     | 68%                |   |

\* 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), 1<sup>st</sup> July 2013