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JUB kemična industrija d.o.o.
Dol pri Ljubljani 28
SI-1262 Dol pri Ljubljani
Slovenija

Član Skupine JUB

Ustvarjamo barvito ugodje bivanja

# DECLARATION OF PERFORMANCE

**No.: J-036/19**

1. Unique identification code of the product-type:

   **JUBIZOL Strong S0 - PREMIUM**

2. Intended use or uses of the construction product:

   **Blue boards made of expanded polystyrene**
   **For thermal insulation of parts of building in contact with the earth – perimeter, thermal insulation of facade foundation and inverted flat roofs**

3. Manufacturer:

   **JUBIZOL®**

   **JUB d.o.o.**

   **Dol pri Ljubljani 28**

   **1262 Dol pri Ljubljani**

   **Slovenia**

4. Systems of assessment and verification of constancy of performance of the construction product:

   **System 3**

5. Harmonised standard:

   **EN 13163:2012 + A1:2015**

   Notified bodies:

   **NB 1404 - Zavod za gradbeništvo Slovenije (ZAG)**

6. Declared performances:

**CE- technical code**
EPS-EN 13163-L2-W2-T1-S2-P3-CS(10)100-TR150-BS150-DS(N)2-DS(70,-)1-WL(T)1-WD(V)1

| Essential characteristic | Mark | Performance | Unit | Declared | Harmonised technical spec. |
|---|---|---|---|---|---|
| Length | L | 1000 | mm | L2 | EN 822 |
| Width | W | 500 | mm | W2 | EN 822 |
| Thickness | T | 20-250 | mm | T1 | EN 823 |
| Squareness | S | 1000/500 | mm | S2 | EN 824 |
| Flatness | P | 1000/500 | mm | P3 | EN 825 |
| Dimensional stability | DS(N) | 1000/500 | % | DS(N)2 | EN 1603 |
| Dim. stability under spec. temp. | DS(70) | 1000/500 | % | DS(70,-)1 | EN 1604 |
| Compressive stress at 10% def. | CS | ≥100 | kPa | CS(10)100 | EN 826 |
| Bending strength | BS | ≥150 | kPa | BS150 | EN 12089 |
| Transverse tensile strength | TR | ≥150 | kPa | TR150 | EN 1607 |
| Compressive creep | CC | NPD | kPa | NPD | EN 1606 |
| Water absorption – LT by total immersion | WL(T) | ≤1 | % | ≤1 | EN 12087 |
| Water absorption – LT by diffusion | WD(V) | ≤1 | % | ≤1 | EN 12088 |
| Water vapour diffusion resistance | μ | NPD | - | NPD | EN 12086 |
| Thermal conductivity | $\lambda_D$ | 0,036 | W/mK | 0,036 | EN 12667 |
| Fire resistance | - | Euro class E | - | Euro class E | EN 13501-1 |

| Essential characteristic | Mark | Performance | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Thickness (mm)** | **d** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** |
| Thermal resistance (m²K/W) | $R_D$ | - | 0,55 | 0,80 | 1,10 | 1,35 | 1,65 | 1,90 | 2,20 | 2,50 | 2,75 | 3,05 | 3,30 |
| Thermal transmittance (W/m²K) | U | - | 1,800 | 1,200 | 0,900 | 0,720 | 0,600 | 0,514 | 0,450 | 0,400 | 0,360 | 0,327 | 0,300 |
| **Thickness (mm)** | d | **130** | **140** | **150** | **160** | **180** | **200** | **220** | **240** | **250** | **260** | **280** | **300** |
| Thermal resistance (m²K/W) | $R_D$ | 3,60 | 3,85 | 4,15 | 4,40 | 5,00 | 5,55 | 6,10 | 6,65 | 6,90 | - | - | - |
| Thermal transmittance (W/m²K) | U | 0,277 | 0,257 | 0,240 | 0,225 | 0,200 | 0,180 | 0,164 | 0,150 | 0,144 | - | - | - |

The performances of the product identified above are in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above, as it is stated in regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

Peter Modic
Assistant to supply chain director

Nova vas, 01. 08. 2019

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