

## DECLARATION OF PERFORMANCE

DoP №: 004-01 / Rock LIGHT

1. Unique identification code of the product-type:  
**Rock LIGHT thermal insulation board, MW-EN 13162-T4-WS-WL(P)-MU1-AW1-AFr10**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
**Thermal Insulation of Building (ThiB)**
3. Manufacturer: ROCK 7, Industrial zone, Targoviste, Bulgaria, e-mail: office@rock-7.com
4. Authorised representative: **not applicable**
5. System or systems of assessment and verification of constancy of performance: **AVCP System 1**
6. Harmonized Standard: **EN 13162: 2012 + A1: 2015**  
Notified body or bodies: **AEROQ SA - Bucharest, Str. Feleacu 14 B, sect 1, Brussels Notification № 1840, Issued Certificate № 1840 - CPR-99/91/EC/0803-22**

7. Declared Performances:

| No | Essential Characteristics              | Performance                      | Abbreviation   | Declared performance | Unit                 |
|----|--|----------------------------------|----------------|----------------------|----------------------|
| 1. | Reaction to fire                       | Reaction to fire                 | RtF            | <b>A1</b>            | Euroclass            |
| 2. | Realease of dangerous substances       | Realease of dangerous substances | -              | <b>NPD</b>           | -                    |
| 3. | Impact noise transmission index        | Sound absorption                 | AWi            | <b>1</b>             | -                    |
| 4. | Индекс на предаване на ударен шум      | Dynamic stiffness                | SD             | <b>NPD</b>           | MN/m <sup>3</sup>    |
|    |  | Thickness                        | d <sub>L</sub> | <b>NPD</b>           | mm                   |
|    |  | Compressibility                  | CP             | <b>NPD</b>           | mm                   |
| 5. | Direct airborne sound insulation index | Air flow resistivity             | AFr            | <b>15</b>            | kPa.s/m <sup>2</sup> |
| 6. | Continous glowing combustion           | Continous glowing combustion     | -              | <b>NPD</b>           | -                    |
| 7. | Thermal resistance λD                  | Thermal resistance               | R              | <b>Table 2</b>       | m <sup>2</sup> K/W   |
|    |  | Thermal conductivity             | λ              | <b>0,035</b>         | W/mK                 |
|    |  | Thickness                        | Class          | <b>T4</b>            | клас                 |
| 8. | Water permeability                     | Short term water absorption      | WS             | <b>≤1</b>            | kg/m <sup>2</sup>    |
|    |  | Long term water absorption       | WL(P)          | <b>≤3</b>            | kg/m <sup>2</sup>    |

|     |   |   |  |                |                    |
|-----|---|---|--|----------------|--------------------|
| 9.  | Water vapour permeability   | Water vapour transmission               | MU   | <b>1</b>       | -                  |
| 10. | Compressive strength  | Compressive stress                      | CS(10/Y)   | <b>NPD</b>     | kPa                |
|     |   | Point Load                              | PL(5)N   | <b>NPD</b>     | N                  |
| 11. | Durability of reaction to fire against heat, weathering, ageing/degradation   | Reaction to fire                        | RtF  | <b>A1</b>      | Euroclass          |
| 12. | Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance                      | $\lambda_D$  | <b>0,035</b>   | W/mK               |
|     |   | Thermal conductivity                    | $R_D$  | <b>Table 2</b> | m <sup>2</sup> K/W |
|     |   | Durability characteristics              | DS(70,90)  | <b>NPD</b>     | %                  |
| 13. | Tensile/Flexural strength   | Tensile strength perpendicular to faces | TR   | <b>NPD</b>     | kPa                |
| 14. | Durability of compressive strength against heat, weathering,                  | Compressive creep                       | CC (i <sub>2</sub> /i <sub>2</sub> /y)δ <sub>c</sub> | <b>NPD</b>     | mm                 |

NPD - No Performance Determined

Table 2

| Thickness, d <sub>N</sub>          | 100mm       | 150mm       |
|------------------------------------|-------------|-------------|
| Thermal resistance, R <sub>d</sub> | <b>2,85</b> | <b>4,25</b> |

8. The performance of the product identified in points 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Location: Targoviste, Bulgaria

Signed for and behalf of the manufacturer by:

General Manager: .....  ..... Date: October, 2022  
Boris Radulov