

# Declaration of Performance (DoP)

Nr. N0002 – CPR – 005 (eng)

1. Unique identification code of the product-type:  
**GLAVA® Marine Roll/Slab 16**
2. Type, batch or serial number:  
**See product label** (I06 01)
3. Intended use :  
**Thermal insulation for technical installations**
4. Manufacturer:  
**Glava AS** Phone: + 47 69818400  
**Postboks 2006** E-mail: [post@glava.no](mailto:post@glava.no)  
**1801 Askim** Web: [www.glava.no](http://www.glava.no)  
**Norway**
5. Name and contact address of authorised representative:  
**Not applicable**
6. System or systems as set out in annex V:  
**AVCP System 1 for Reaction to fire**  
**AVCP System 3 for other characteristics**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**EN 14303: 2009+A1:2013**  
**SINTEF Byggforsk (1071) has performed the determination of the product-type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of factory production control; continuous surveillance, assessment and evaluation of factory production control acc. to system AVCP 1 og AVCP 3**
8. Case of a construction product for which a European Technical Assessment has been issued:  
**Not applicable**
9. Declared performance:  
**Declared performance according to harmonized standard EN 14303:2009+A1:2013**

| Essential characteristics  |  | Performance      | Harmonized technical specification |
|--|--|------------------|------------------------------------|
| Reaction to fire, RtF  | Euroclass  | A1               | EN 13501-1                         |
| Thermal resistance   | Thermal conductivity, $\lambda$  | W/m·K            | EN 12667/<br>EN12939               |
|  | at -160°C  | 0,011            |                                    |
|  | at -80°C   | 0,021            |                                    |
|  | at -40°C   | 0,027            |                                    |
|  | at -10°C   | 0,031            |                                    |
|  | at +20°C   | 0,035            |                                    |
|  | at +50°C   | 0,041            |                                    |
|  | at +100°C  | 0,053            |                                    |
|  | at +150°C  | 0,068            |                                    |
| at +200°C  | 0,085  |                  |                                    |
| Thickness tolerance  | Class  | T1               | EN 823                             |
| Water permeability   | Water absorption   | NPD <sup>a</sup> |                                    |
| Water vapour permeability  | Water vapour diffusion resistance                                      | MU1              | EN 10456                           |
| Compressive strength   | Compressive strength   | NPD <sup>a</sup> | EN 826                             |
| Rate of release of corrosive substances  | Trace quantity of ions:<br>(Cl, F, SiO <sub>3</sub> , Na, Value of PH) | NPD <sup>a</sup> | EN 13468                           |
| Release of dangerous substances to the indoor environment                                | Release of dangerous substances  | NPD <sup>a</sup> |                                    |
| Continuous glowing combustion  |  | NPD <sup>a</sup> |                                    |
| Durability of fire performance properties at high temperature against ageing/degradation | Durability characteristics <sup>b</sup>                                | NPD <sup>a</sup> |                                    |
| Durability of thermal resistance against ageing/degradation and against high temperature | Thermal conductivity, $\lambda_D$ <sup>c</sup>                         | NPD <sup>a</sup> | EN 12667                           |
|  | Dimension og tolerances <sup>c</sup>                                   | NPD <sup>a</sup> | EN 822/ EN 823                     |
|  | Dimensional stability <sup>c</sup> , or                                | NPD <sup>a</sup> | EN 1604                            |
|  | Maximum Services Temperature (MST) <sup>c</sup>                        | 200°C            | EN 14706/<br>EN 14707              |
|  | Durability characteristics <sup>c</sup>                                | NPD <sup>a</sup> |                                    |
| Durability of fire performance properties at high temperature                            | Durability characteristics <sup>d</sup>                                | NPD <sup>a</sup> |                                    |
| Durability of thermal resistance against high temperature                                | Durability characteristics <sup>c</sup>                                | NPD <sup>a</sup> | EN 14706/<br>EN 14707              |
|  | Maximum Services Temperature (MST) <sup>c</sup>                        | NPD <sup>a</sup> |                                    |

<sup>a</sup> NPD = No Performance Determined.

<sup>b</sup> The fire performance and thermal conductivity of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

<sup>c</sup> Experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

<sup>d</sup> The fire performance of mineral wool does not deteriorate with high temperature.

The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temp. The fire performance of mineral wool does not deteriorate with high temp.

10. The performances of the products identified in points 1 and 2 are in conformity with the declared performances in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

*Signed and on behalf of the manufacturer by:*



Henrik Stene

Product Manager Technical Insulation

Oslo, 08.11.2023