Declaration of Performance (DoP)

Nr. N0002 – CPR – 009a (eng)

1. Unique identification code of the product-type:
   GLAVA® Marine Roll 16 Alu

2. Type, batch or serial number:
   See product label (I06 01)

3. Intended use :
   Thermal insulation for technical installations

4. Manufacturer:
   Glava AS
   Postboks 2006
   1801 Askim
   Norway
   Phone: ***+ 47 69818400***
   E-mail: ***post@glava.no***
   Web: ***www.glava.no***

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 specifikation**
Reaction to fire, RtF	Euroclass	A2-s1,d0	EN 13501-1
Thermal resistance	Thermal conductivity, λ	W/m·K	EN 12667/ 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[a]	
Water vapour permeability	Water vapour diffusion resistance	MU1	EN 10456
Compressive strength	Compressive strength	NPD[a]	EN 826
Rate of release of corrosive substances	Trace quantity of ions: (Cl, F, SiO3, Na, Value of PH)	NPD[a]	EN 13468
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD[a]	
Continous glowing combustion		NPD[a]	
Durability of fire performance properties at high temperature against ageing/degradation	Durability characteristics [b]	NPD[a]	
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal conductivity, λ_D [c]	NPD[a]	EN 12667
	Dimension og tolerances [c]	NPD[a]	EN 822/ EN 823
	Dimensional stability [c], or	NPD[a]	EN 1604
	Maximum Services Temperature (MST) [c]	200°C	EN 14706/ EN 14707
	Durability characteristics [c]	NPD[a]	
Durability of fire performance properties at high temperature	Durability characteristics [d]	NPD[a]	
Durability of thermal resistance against high temperature	Durability characteristics [c]	NPD[a]	EN 14706/ EN 14707
	Maximum Services Temperature (MST) [c]	NPD[a]	

[a] NPD = No Performance Determined.

[b] The fire performance and thermal conductifity 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.

[c] Experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

[d] 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

Oslo, 08.11.2023

Product Manager Technical Insulation