

## Declaration of Performance

### GreenLine EPS 100 recycled

- 1. Unique identification code of the product-type:** EPS Cellplast, Expanderad polystyren
- 2. Type, batch pr serial number:** Insulation board GreenLine 100 recycled
- 3. Intended use or uses of the construction product:** Thermal insulation products for buildings (EPS)
- 4. Name and contact address of the manufacturer:** BEWI Insulation Sverige AB, Diabasvägen 11, SE-541 52 Skövde.
- 5. Where applicable, name and contact address of the authorised representative:**
- 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:** System 4. The manufacturer performs FPC, Factory Production Control
- 7. Notified Testing Laboratory and tasks performed:** IMBIGS Notified body nr 1454, has conducted ITT according to system 4 and has issued report number 13/21/16/OWU/M-1 and 13/21/16/1/OWU/M-1.

8. Essential characteristics (EN 13163: 2012+A2:2016)	Performance	Note
Thermal conductivity	$\lambda_D = 0,037 \text{ W/mK}$	EN 12667
Thermal resistance	See product label	(resistance $R_D$ )
Compressive stress at 10 % deformation	CS(10) = 100 kPa	ISO 29469 :2022
Bending strength	150 kPa	Jf. annex C*
Shear strength	75 kPa	Jf. annex F.3*
Durability of compressive strength against ageing and degradation, Compressive creep (2%)	CC = 30 kPa	Jf. annex F.2*
Long term water absorption by immersion	WL(T)5	EN/ISO 16535
Watervapor transmission $\mu$	30 - 70	Jf. annex F.4*
Watervapor permeability $\delta \text{ mg}/(\text{Pa.h.m})$	0,009 - 0,020	Jf. annex F.4*
Tolerances	See product label	Product code
Fire class (Reaction to fire)	NPD (previous class F)	-
Continuous glowing combustion	NPD	-
Durability of thermal conductivity against heat, weathering, and ageing/degradation	No changes over time and NPD (c)	-
Durability of compressive strength ageing and degradation – Freeze-thaw resistance	NPD	-
Durability of compressive strength ageing and degradation – Long term thickness reduction	NPD	-
Tensile strength	NPD	-
Deformation under specific load	NPD	-
Acoustic absorption indexes	NPD (b)	-
Release of dangerous substances	NPD (a)	-

\*Reference to EN 13163:2012+A2:2016

(a) Test method is not available

(b) EPS products have no significant airborne sound absorption properties

(c) The fire performance of EPS does not deteriorate with time

**9. The performance of the product listed above is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, as noted above.**

Signed for and behalf of the manufacturer by:



Ahmad Nazal, coordinator QHSE

Skövde, 2024.03.07