

# Declaration of Performance

## Smyglist hård

1. **Unique identification code of the product-type:**
2. **Type, batch or serial number:** Smyglist hård
3. **Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification:** Thermal insulation product for buildings (EPS)
4. **Name and contact address of the manufacturer:** BEWI Insulation Norge AS, Box 1410, 1602 Fredrikstad.
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:** AVCP System 3
7. **Notified Testing Laboratory and tasks performed:**

8. Essential characteristics (EN 13163 : 2012+A2:2016)	Performance	Note
Thermal conductivity	$\lambda_D = 0,035 \text{ W/mK}$	Internal tests
Thermal resistance	See product label	(resistance $R_D$ )
Compressive stress at 10 % deformation	CS(10) = 1800 kPa	EN 826
Bending strength	1800 kPa	Jf. annex C*
Shear strength	50 kPa	Jf. annex F.3*
Durability of compressive strength against ageing and degradation, compressive creep (2%)	CC = 540 kPa	Jf. annex F.2*
Pull-out strength capacity	1 kN	Tested with ESSVE and Fischer frame screw
Long term waterabsorption by immersion	WL(T)0,7	EN/ISO 16535
Tolerances	See product label	Product code
Fire class	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	-
Durability of perpendicular compressive strength	NPD	-
Deformation under specific load	NPD	-
Acoustic absorption indexes	NPD (b)	-
Release of dangerous substances	NPD (a)	-

\*References to SS/EN 13163:2012+A2:2016

(a) Testmethod is not available

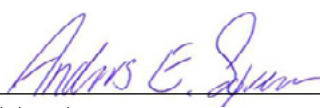
(b) EPS products have no significant airborne sound absorption properties

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

**9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Signed for and on behalf of the manufacturer by:

Anders E. Sørensen, HSQE manager



Fredrikstad, 21.03.2023