

Declaration of Performance

Thermomur® 350

- 1. Unique identification code of the product-type:** SE-TH350-CPR-01
- 2. Type, batch or serial number:** Thermomur® 350
- 3. Intended use or uses of the construction product:** Non load-bearing permanent shuttering system based on shuttering elements of 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 2+
- 7. Notified Testing Laboratory and tasks performed:** ETA Denmark has issued ETA - 13/0614 based on ETAG 009

| 8. Essential characteristics (ETAG 009) | Performance | Note |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------|
| Thermal conductivity | $\lambda_D = 0,035 \text{ W/mK}$ | EN 12667 |
| Compressive stress at 10 % deformation | 150 kPa | ISO 29469 :2022 |
| Bending strength | 200 kPa | EN 13163 Jf. annex C* |
| Fire resistance | REI 90 (a) EI 90 (a) | ETAG 009, annex C |
| Fire class (Reaction to fire) | NPD (previous class F) | EN 13501-1 |
| Water vapour permeability | $\mu=60 \text{ (c)}$ | EN 12524 |
| Efficiency of filling | Satisfactory | EAD 17-34-0309; 2.2.3 |
| Possibility of steel reinforcement | Satisfactory | EAD 17-34-0309; 2.2.3 |
| Resistance to filling pressure | Satisfactory | EAD 17-34-0309; 2.2.11 |
| Safety against personal injury by contact | Satisfactory | EAD 17-34-0309; 2.2.11 |
| Protection against deterioration caused by: - Physical agents - Chemical agents - Biological agents | Satisfactory | EAD 17-34-0309; 2.2.17 |
| Resistance to damage during normal use: - Normal use impacts - Incorporation of ducts - Fixing of objects | Satisfactory | EAD 17-34-0309; 2.2.17 |
| Structural pattern | Continuous type concrete walls | ETAG 009, 2.2 |
| Release of dangerous substances | No dangerous substances | EOTA TR034, §2.1 |
| Airborne sound insulation | NPD (b) | - |
| Sustainable use of natural resources | NPD | - |
| Sound absorption | NPD | - |
| Water absorption | NPD | - |
| Watertightness | NPD | - |
| Thermal inertia | NPD | - |

(a) With minimum concrete strength of C 20/25 and a concrete thickness of 150 mm. The resistance are valid only for walls without openings.

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

(c) Only applicable to EPS - The tabulated design value of the water vapor diffusion resistance coefficient of expanded polystyrene (EPS) according to EN 12524 is $\mu = 60$.

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