

DECLARATION OF PERFORMANCE NR. 002-AND-2022-07-26-EN

1. Unique identification code of the product-type:

Thermal insulation board WARMOTECH 550.

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See product label.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer as required pursuant to Article 11(5):

Thermal insulation board made of pressed rigid polyurethane foam.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

UAB „Anderus“, R.Kalantos g. 49, Kaunas, LT-52303, +370 66230007.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard :

Not applicable.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Statybos produkcijos sertifikavimo centras (SPSC) issued European Technical Assessment ETA 22/0454 of 25/07/2022 on the basis of EAD no. 040419-00-1201. Statybos produkcijos sertifikavimo centras (SPSC) performed third party tasks under system 3.



9. Declared performance


| Essential characteristics | Performance and characteristics |
|--|---------------------------------|
| Reaction to fire EN 13501-1:2019 | D-s3,d0 |
| Bending strength EN 12089:2013 | ≥ 4,7 MPa |
| Thermal conductivity, $\lambda_D (23/50)$ EN 12667:2002 | ≤ 0,088 W/ (m·K) |
| Mass-related moisture conversion coefficient EN ISO 10456:2008 | $f_u = 1,31$ |
| Moisture conversion factor EN ISO 10456:2008 | $F_m (23/50 - 23/80) = 1,04$ |
| Compressive strength EN 826:2013 | ≥ 7,1 MPa (10-60 mm) |
| Compressive strength EN 826:2013 | ≥ 6,8 MPa (61-70 mm) |
| Water absorption (by short term, partial immersion) EN ISO 29767 | $W_p \leq 0,4 \text{ kg/m}^2$ |
| Hygroscopic sorption properties EN ISO 12571 | NPD |
| Water vapour diffusion resistance coefficient EN 12086:2013 | NPD |
| Dimensional stability under specified temperature and humidity DS (70,90) EN 1604:2013 | $DS (70,90) \leq 1 \%$ |
| Dimensional stability under specified temperature and humidity DS (-20,-) EN 1604:2013 | $DS (-20,-) \leq 1 \%$ |
| Tensile strength perpendicular to faces EN 1607:2013 | NPD |
| Density EN 1602:2013 | $550 \pm 50 \text{ kg/m}^3$ |
| Deformation under specified compressive load and temperature conditions EN 1605:2013 | NPD |
| Compressive creep EN 1606:2013 | NPD |
| Flatness after one-sided wetting EN 825:2013 | NPD |
| Water absorption (by long term immersion) EN 12087:2013 | NPD |

Dimensional deviations

| | |
|-------------------------------------|---------------------|
| Nominal thickness, T EN 823:2013 | $\pm 0,5$ mm |
| Nominal length, L EN 822:2013 | ± 5 mm |
| Nominal width, W EN 822:2013 | ± 5 mm |
| Squareness EN 824:2013 | $S_b \leq 1,0$ mm/m |
| Flatness EN 825:2013 | $S_{max} \leq 4$ mm |

10. 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):
Audrius Česnavičius, production manager
Kaunas, 2022.07.26



(signature)