**THERMOTOP TECHNOLOGY S.R.L.**
3 Spicului Street, 500460 Brașov
www.thermotop.ro office@thermotop.ro

CE

THERMOTOP® insulation system

# DECLARATION OF PERFORMANCE ACCORDING TO UE 305/2011

## *No. 2*

| | |
|---|---|
| **1. Unique identification code of the product-type** | ***THERMOTOP DV*** – is a PIR (polyisocyanurate) thermal insulation board, faced on both sides with a breathable PE+PP membrane that ensures controlled water vapor diffusion. |
| **2. Intended use (uses)** | **Thermal insulation** for mono-layer and multi-layer pitched roofs; accessible, non-accessible and green roofs; cold and heated floors; foundations, slabs; industrial applications |
| **3. Manufacturer** | **S.C THERMOTOP TECHNOLOGY S.R.L.**<br>3 Spicului Street, 500460 Brașov www.thermotop.ro; office@thermotop.ro |
| **4. Authorized dealer:** | n/a |
| **5. Harmonized standard: Notified body** | **SR EN 13165 + A2:2016** n/a |
| **6. System/s of assessment and verification of constancy of performance of the construction product** | **System 3** |
| **7. Technical documentation and/or specific technical documentation:** | NB 1871 CTEC |

**8. Declared performance (performances):**

| **Essential characteristics:** (please see below notes – note 1) | | **Performance** (please see below notes – note 2) | **Specificațiile tehnice armonizate** (please see below notes – note 3) |
|---|---|---|---|
| Thermal conductivity | W/mK | 0,021 | SR EN 12667:2002 |
| Compression strength for 10% deformation | KPa<br>≥120<br>Level CS (10\Y) 120 | 126 | SR EN 13165, pct.4.3.4. |
| Tensile strength across the panels | KPa<br>≥ 100<br>Level (TR 100) | 105,15 | SR EN 13165, pct.4.3.5. |
| Dimensional stability at 70$^0$C and relative humidity 90, for 48h<br>• Length<br>• Width<br>• Thickness | Level DS (TH) 3<br><br>≤2%<br>≤2%<br>≤6% | <br><br>1,11<br>1,30<br>3.85 | SR EN 13165, pct.4.3.4. |
| Reaction to fire | class | F | EN 13501-1:2018 |
| Water vapor transmission | | NPD | |
| Sound Absorption | | NPD | |

**Notes to the table:**

1. Column 1 shall contain the list of essential characteristics as determined in the harmonized technical specifications for the intended use or uses indicated in point 2 above.
2. For each essential characteristic listed in column 1 and in compliance with the requirements of Article 6, column 2 shall contain the declared performance, expressed by level or class, or in a description, related to the corresponding essential characteristics. The letters 'NPD' (No Performance Determined) shall be indicated where no performance is declared.
3. For each essential characteristic listed in column 1, column 3 shall contain: (a) dated reference of the corresponding harmonized standard and, where relevant, the reference number of the Specific or Appropriate Technical Documentation used; or (b) dated reference of the corresponding European Assessment Document where available and reference number of the European Technical Assessment used.

**The performance of the product identified at points 1 is in conformity with the declared set of performance, as per the above. This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 3, and according to UE law no. 305/2011.**

Place and date of issue of this document:
Date of issue of this document: .....

| | |
|---|---|
| Name of beneficiary: | |
| Stack no: | |
| Date of manufacture: | |

Signed for and on behalf of the manufacturer by:
Department of Quality and Environment