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. 1

1. Unique identification code of the product-type	***THERMOTOP AL*** – is a PIR (polyisocyanurate) insulation board, faced on both sides with aluminium foil.
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.** 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 ≥150 Level CS (10\Y) 150	156	SR EN 13165, pct.4.3.4.
Tensile strength across the panels	KPa ≥ 100 Level (TR 100)	105,15	SR EN 13165, pct.4.3.5.
Dimensional stability at 70^{0}C and relative humidity 90, for 48h • Length • Width • Thickness	Level DS (TH) 3 ≤2% ≤2% ≤6%	 1,11 1,30 3.85	SR EN 13165, pct.4.3.4.
Reaction to fire	class	E	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: .....

Signed for and on behalf of the manufacturer by:
Production Department
Lucian Bularca