



# Declaration of Performance

- 1. Product-type:**  
Thermally modified wooden cladding from Spruce (*Picea Abies*), tongue & grooved or shiplap profiles for exterior and interior applications.
- 2. Type, batch or serial number or other identification:**  
Thermally modified solid Spruce wood profiles.  
Dimensions = 16÷42 mm (thickness) x 42÷190 mm (width).
- 3. Intended use(s):**  
Wooden horizontal or vertical cladding, for exterior and interior applications.
- 9. Manufacturer:**  
Thermoarena OÜ, Farmi tee 5, Koigi, 72501, Estonia  
Contact: info@thermoarena.com, Web: www.thermoarena.com
- 4. Authorized representatives: -**
- 5. AVCP-system:**  
AVCP 3  
Durability class / Notified body: Catas S.p.A. (1937)  
Reaction to fire class / Notified body: Forest and Wood Products Research and Development Institute (2040)
- 6. Declared performance:**  
The manufacturer assumes responsibility for initial type testing and FPC implementation in accordance with AVCP-system 3.

ESSENTIAL CHARACTERISTIC	PERFORMANCE	HARMONIZED TECH.SPEC
Reaction to fire class:	D-s1,d0	EN 13501-1:2018
Average density:	390 kg/m³	
Thermal conductivity:	0,09-0,15 W/mK	
Water vapour permeability:	62	
Formaldehyde class:	E1	
Sound absorbsion coefficient:	0,1/0,3	EN 14915:2013
Release of other dangerous substances:	NPD	
Durability class (Test method according to standard EN 113-2:2020):	Class 1 (thermal modification on 180-200 °C, Dark treatment)	

The performance of thermally modified solid wood is in conformity with the declared performance.  
This declaration of performance is issued under the sole responsibility of Thermoarena OÜ.



Signed for and on behalf of  
the manufacturer by:  
**Vahur Pindma**, CEO

Koigi, 4th of June 2025