


Declaration of Performance

1. **Product-type:**
Thermally modified solid softwood
2. **Type, batch or serial number or other identification:**
Thermally modified solid softwood
Dimensions = 16÷42 mm (thickness) x 34÷190 mm (width)
3. **Intended use(s):**
Wooden cladding and paneling, for exterior and interior applications
4. **Manufacturer:**
Thermoarena OÜ, Farmi tee 5, Koigi 72501, Estonia, Phone: +372 509 6803
Web: www.thermoarena.com
5. **Authorized representatives:** -
6. **AVCP-system:**
AVCP 3
Notified body: approved laboratories/ institutions (Catas S.p.A., Forest and Wood Products Research and Development Institute)
7. **Declared performance:**
The manufacturer assumes responsibility for initial type testing and FPC implementation in accordance with AVCP-system 3.

ESSENTIAL CHARACTERISTIC	PERFORMANCE	ARMONIZED TECH.SPEC
Wood specie:	Ayous (<i>Triplochiton scleroxylon</i>)	
Average density:	330 kg/m ³	
Thermal conductivity:	0,15-0,24 W/mK	
Reaction to fire class:	NPD	
Water vapour permeability:	NPD	EN 14915:2013
Formaldehyde class:	E1	
Sound absorption coefficient:	0,1/0,3	
Release of other dangerous substances:	NPD	
Durability class (Test method by EN 113-2:2020):	Class 1 (thermal modification on 180-200 °C, Dark treatment)	EN 350-2

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, 24th of January 2024