


DECLARATION OF PERFORMANCE

No. MW/019R/CE/2021_05

1. **TECHNOROOF 45.** MW-EN 13162-T5-DS(23,90)-CS(10)45-TR10-PL(5)450-WS-WL(P)-MU1, RtF:A1
2. Intended use: Thermal insulation boards for building
3. Manufacturer:
 Limited Liability Company "Heat-Insulating Plant "TECHNO"
 Having its seat in: LLC "Zavod TECHNO", Ryazan, Vostochnij Promuzel, building 21/58
 ORIGIN: Russian Federation
 Tel.: +7 (4912) 911-240
 Fax.: +7 (4912) 911-232
techno@zil.tn.ru
4. –
5. AVCP 1 and 3
6. Harmonised standard: EN 13162:2012+A1:2015
 Notified body No. 1023. Institut pro testování a certifikaci, a.s. třída Tomáše Bati 299, Louky, 763 02 Zlín Česká republika/Czech Republic tel/phone: +420 577601541
7. Declared performance/s:

Essential characteristics	Performance	Harmonized technical specification
Declared thermal conductivity at 10 °C, W/m*K	0,038	EN 13162:2012 + A1:2015
Limit deviations Length, Width, mm	±2/±1,5 %	
Thickness, (with increments of 10 mm), mm	40-150	
Limit deviations of thickness, mm	T5	
Deviation from squareness, mm/m	< 5	
Deviation from flatness, mm	< 6	
Compressive stress at 10% deformation, kPa	CS(10)45	
Tensile strength perpendicular to faces, kPa	TR10	
Point Load, N	PL(5)450	
Dimensional stability, %: -at specified temperature -under specified temperature (23°C) and humidity conditions (90%R.H.)	DS(70,-) <1 DS(23,90) <1	
Reaction to fire, euroclass	A1	
Water Absorption during Short/ Longterm Immersion kg/m2	WS <1 WL(P)<3	
Water vapour transmission, MU	MU1	
Dangerous Substances:	Does not include dangerous substances	

Declared Thermal resistance, EN 12667												
Thickness, mm	40	50	60	70	80	90	100	110	120	130	140	150
R. m ² *K/W	1,05	1,30	1,55	1,80	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,90

8. Appropriate Technical Documentation and/or Specific Technical
 Signed for and on behalf of the manufacturer by:
 Production Director
 «Zavod TECHNO» Ltd...At Ryazan on 18.05.2021.

Goryachev V.V.

