

DECLARATION OF PERFORMANCE
 No. MW/046C/CE/2024

1. **THERMOWOOL ROOF N OPTIMA 110** MW-EN 13162-T5- DS (70,-)DS(23,90)- CS(10)30-TR7,5-PL(5)350 -WS-WL(P)-MU1- RfF: A1
2. Intended use: Thermal insulation boards for building
3. Manufacturer:
 Limited Liability Company "Heat-Insulating Plant "TECHNO"
 Having its seat in: LLC «Plant «TECHNO» 18028 Ukraine, Cherkassy, Rizdvyana Street 300
 ORIGIN: Ukraine
 Tel/fax: +38-(0472)-71-97-97
 techno@sweetondale.cz
4. –
5. AVCP 1 (1+3)
6. Harmonized 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, λ_D , W/m ² K	0,036	EN 13162:2012 + A1:2015
Limit deviations Length, Width, mm	±2±1,5 %	
Limit deviations of thickness, mm	T5	
Thickness, (with increments of 10 mm), mm	50-200	
Deviation from squareness, mm/m	< 5	
Deviation from flatness, mm	< 6	
Compressive stress at 10% deformation, kPa	CS(10)30	
Tensile strength perpendicular to faces, kPa	TR7,5	
Point Load, N	PL(5)350	
Dimensional stability, %:		
-at specified temperature	DS(70,-) less than 1	
-under specified temperature (23oC) and humidity conditions (90%R.H.)	DS(23,90) less than 1	
Reaction to fire, euroclass	A1	
Water Absorption during Short/	WS less than 1	
Longterm Immersion kg/m2	WL(P) less than 3	
Water vapour transmission, MU	MU1	
Dangerous Substances:	Does not include dangerous substances	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: -

Signed for and on behalf of the manufacturer by:

General Director
 LLC «Plant «TECHNO». At Cherkassy on 16.05.2024



Mr. Oleg Khodakivskyi