

Heraklith® | Roof



Heraklith® | Roof is a self-supporting wood wool panel reinforced with three hardwood beams. Heraklith Roof has been specifically designed for flat or gently inclined self-supporting roof structures with moisture regulating and sound absorption properties. The panel is untreated, retaining its natural structure and square edges. The Roof panel can be easily used with other insulation materials as long as a suitable vapour barrier has been placed that ensures a completely insulated roof structure.

Product Performance



Fire classification
B-s1, d0



Sound absorption
not tested



Thermal resistance
 $R_D = 0.60$

Advantages

- Excellent moisture controlling properties
- Mounted easily using roof nails
- Easily combined with insulation materials
- 96% PEFC certified wood.

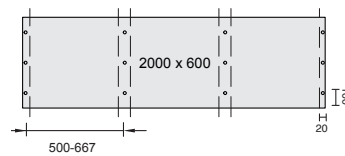
Mounting materials

Roofing nails, for quickly fixing the wood wool panels directly to the joist structure.

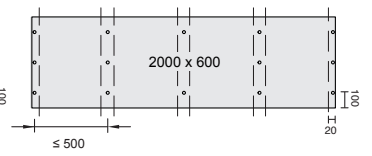


Standard mounting

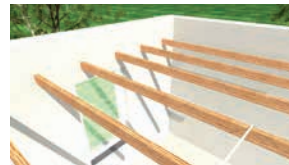
12 point (q_{max} : 7,82 kN/m²)



15 point (q_{max} : 14,85 kN/m²)



Processing instructions



Ensure the correct centre-to-centre distance for the beam structure.



Lay the panels side by side and square to the joists. Use crawl boards when working in the panels.



The panels are attached with 3 roofing nails per support joist. Keep the nails at least 100 mm clear of the outer edges.



Once the roof panels have been installed they must be protected from the weather.



ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



Roof

Wood Wool Panel in accordance with DIN EN 13168:2012+A1
WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-TR5-CI3

Panel range		
Panel thickness (T)	mm ▶	50
R _b	m ² .K/W	0.60
Weight	kg/m ²	25.0
Length (L)	mm	2000
Width (W)	mm	600
Panels / pallet		40
m ² / pallet		48.00

Technical information							
Properties	Symbol	Description			Unit	Norm	
Fire classification	-	B-s1,d0			-	EN 13501-1	
Heat conductivity coefficient	λ	Wood wool: 0.080			[W/mK]	EN 12667	
Compressive strength	σ _m	≥ 200			[kPa]	EN 13168	
Maximum permissible q load	σ _{mt}	centre-to-centre max. 500 mm: 14.85			kN/m ²	EN 1990+A1+A1/C2	
		centre-to-centre max. 667 mm: 7.82					
Chloride levels	Cl	Cl3			-	EN 13168	
Tolerances	-	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S2)	Flatness (P2)	[mm]
		+ 3/-2	+ 3 / -5	± 3	≤ 2	≤ 3	

Standard construction	
Wood	96% PEFC certified
Finishing	3.0 mm
Colour	Natural (unsprayed and undried)
Edge finishing	Straight edges

In addition to the standard constructions and options, it is possible to customise Heraklith panels entirely to your needs. For more information please contact our export manager via info.nl@heraklith.com