



WOLLE

WOLLE P1500

Semi-rigid thermal insulation fibre boards — 10 cm thickness, 5.856 m² pack

Semi-rigid thermal insulation fibre boards made from recycled PET, free of binders, formaldehyde and phenol. The main layer between rafters in System 10 assemblies.

TECHNICAL CHARACTERISTICS

Material	Thermal insulation fibre from recycled PET, free of binders, formaldehyde or phenol	
Thickness	100 mm	
Board dimensions	1200 × 610 × 100 mm	
Mass per unit area	1500 g/m ²	
Pack contents	8 boards — 5.856 m ²	
Thermal conductivity, λ_{10}	0.038 W/mK	SR EN 12667:2002
Thermal resistance of the layer, R	2.63 m ² K/W	SR EN 12667:2002
Reaction to fire	C-s2,d0 — zero flaming droplets	EN 13501-1
German classification	B1	DIN 4102
Moisture behaviour	Fully hydrophobic — does not absorb moisture and releases it quickly	
Acoustic behaviour	Sound-absorbing fibre — reduces airborne noise	
Long-term stability	No settling — thickness and performance remain constant	

FIELDS OF USE

Attics and roofs (main layer between rafters), interior walls, partition walls, floors between storeys, ventilated facades.

PACKAGING AND STORAGE

Packs stored in covered spaces, protected from moisture and direct sunlight.

INSTALLATION

Standard assemblies: 10 cm = 1 × P1500; 15 cm = P800 + P1500; 20 cm = 2 × P1500; 25 cm = P800 + 2 × P1500. In assemblies that also include a 5 cm layer, the 5 cm layer is installed first. Boards are cut with the Wolle Sword knife; total thickness is not measured, it is counted.

S.C. ISO FLECT INSULATION S.R.L.

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Warehouse and deliveries

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The declared values come from the Isoflect Insulation product documentation and the related test reports. They refer to the product, not to the assembly in which it is installed; system performance is established through a hygrothermal calculation for each individual case. The manufacturer reserves the right to change specifications without prior notice — always check the revision in force. Revision 4 · 13.09.2026