



WOLLE

WOLLE P800

Semi-rigid insulation fibre boards — 5 cm thickness, 11.712 m² pack

Wolle semi-rigid insulation fibre boards, made from recycled PET, free of binders, formaldehyde and phenol. The filler layer in the System 10 assemblies of 15 and 25 cm.

TECHNICAL CHARACTERISTICS

Material	Insulation fibre made from recycled PET, free of binders, formaldehyde or phenol	
Thickness	50 mm	
Board dimensions	1200 × 610 × 50 mm	
Mass per unit area	800 g/m²	
Pack contents	16 boards — 11.712 m²	
Thermal conductivity, λ_{10}	0.038 W/mK	SR EN 12667:2002
Thermal resistance of the layer, R	1.32 m²K/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 rapidly	
Acoustic behaviour	Sound-absorbing fibre — reduces airborne noise	
Stability over time	No settlement — thickness and performance remain constant	

FIELDS OF USE

Habitable attics and roofs (filler layer between rafters), interior walls, partition walls, intermediate floor slabs, ventilated façades.

PACKAGING AND STORAGE

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

INSTALLATION

In any assembly that also contains a 5 cm layer — that is, at 15 and 25 cm — the 5 cm layer is ALWAYS installed FIRST, before the 10 cm layer: the first layer installed is self-fixing, whereas a 5 cm layer installed last would have to be anchored. The boards are cut with the Wolle Sword knife. No conventional protective equipment is required — the fibre is not irritant.

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

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Șos. Caragea Vodă nr. 89A, Domnești, sat Țegheș, jud. Ilfov, Romania

Warehouse and deliveries

ELI Park 3, secțiunea S10, Str. Speranței 101, Buftea, Ilfov, Romania

+40 21 780 7585 · WhatsApp +40 790 644 051 · contact@isoflect.ro

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