



- Roof: Permeable sarking board
- Wall: Board for thermal insulation composite systems
- Wall: Board for rear-ventilated facades

**Delivery form**

Thickn. [mm]	Weight [kg/sqm]	Format [cm]	Board dim. [cm]	Number of boards	per pallet [sqm]	per pallet [kg]	Edge profile
40*	6.40	148 x 75	146 x 73	28	31.08	218	Tongue & Groove
60	9.30	148 x 75	146 x 73	18	19.98	211	Tongue & Groove
80	12.40	148 x 75	146 x 73	14	15.54	218	Tongue & Groove

\* 40mm not approved for roofs and thermal insulation composite systems!

**Field of application**



**Technical data**

Bulk density $\rho$ [kg/m <sup>3</sup> ]	145
Thermal conductivity (EN 13171) $\lambda_D$ [W/(mK)]	0.041
Specific heat capacity $c$ [J/(kgK)]	2100
Vapour diffusion resistance coefficient $\mu$	3
Fire behaviour (EN 13501-1)	Class E
Compressive stress at 10% compressive deformation [kPa]	100
Tensile strength perpendicular to plane of board [kPa]	10
Waste code according to The European Waste Catalogue (EWC)	030105; 170201; 170604
Identification code	WF-EN13171-T5-CS(10Y)100-TR10-WS1,0-MU3-AF100
KEYMARK	011-7D013



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**PAVATEX system guarantee**

The high-performance adhesion and gluing components used in PAVATEX system solutions ensure long-lasting, reliable system sealing in modern, multifunctional building envelopes - now also guaranteed by the new PAVATEX warranty. It offers comprehensive service if damage occurs, and therefore once again increases security for designers, installers and builders.

**Product description**

PAVATHERM-COMBI is an insulating board for walls and roofs with multifunctional application options and profiled edge design.

**Over-rafter insulation systems:** PAVATHERM-COMBI sarking boards can be exposed to the weather for one month, and are “waterproof” according to the European standard EN 14964 for sarking boards. The roof slope has to be  $\geq 20^\circ$ . PAVATHERM-COMBI sarking boards are simultaneously also insulation boards, and can therefore be included in the calculation of the heat transfer. When used as sarking boards, please observe the country-specific application codes according to the regulations and standards in the technical documentation.

**Thermal insulation composite systems:** PAVATHERM-COMBI is an optimised, render-compatible insulation that can be exposed to the weather for 60 days. It is fastened with brackets or insulation anchors to timber frames and solid substrates. The render coating is applied using tested render systems from well-known manufacturers.

**Insulation systems for rear-ventilated facades:** PAVATHERM-COMBI can be used as insulation for rear-ventilated facades and may be freely exposed to the elements for 60 days at the most. An additional facade lining is required for open facade cladding.

**Under-rafter insulation systems:** Install PAVATHERM-COMBI under-rafter insulation boards with offset joints, and fix them to the rafters with insulation nails. Fasten the battens to the supporting rafters through the insulation boards. As a variant suitable for rendering: Attach a substructure 40/60 mm (axis spacing  $a = 34.5$  cm) at a right-angle to the rafter axis. Fit PAVATHERM-COMBI over the full surface parallel to the rafter axis.

**Full declaration**

For further information see MSDS on [www.pavatex.com](http://www.pavatex.com)

**Storage**

Store dry and protected from damage. Only install when dry. Stack no more than 4 pallets on top of each other.