



- Multifunctional board for roof and wall installations
- Economical additional insulation, can be combined with Pavatex insulation systems.
- Direct laying on the rafters or as under-rafter insulation



**Field of application**



**Delivery form**

Thickn. [mm]	Weight [kg/sqm]	Format [cm]	Board dim. [cm]	Number of boards	per pallet [sqm]	per pallet [kg]	Edge profile
60	10.5	180 x 58	178 x 56	36	37.6	420	Tongue & Groove
80	14.0	180 x 58	178 x 56	28	29.2	434	Tongue & Groove
100	17.5	180 x 58	178 x 56	22	23.0	427	Tongue & Groove
120	21.0	180 x 58	178 x 56	18	18.8	420	Tongue & Groove
140	24.5	180 x 58	178 x 56	16	16.7	434	Tongue & Groove
160	28.0	180 x 58	178 x 56	14	14.6	434	Tongue & Groove

Production plant: Cham, Switzerland

**Technical data**

Bulk density $\rho$ [kg/m <sup>3</sup> ]	175
Thermal conductivity (EN 13171) $\lambda_D$ [W/(mK)]	0.043
Specific heat capacity $c$ [J/(kgK)]	2100
Vapour diffusion resistance coefficient $\mu$	5
Fire behaviour (EN 13501-1)	Class E
Compressive stress at 10% compressive deformation [kPa]	70
Tensile strength perpendicular to plane of board [kPa]	5
Waste code according to The European Waste Catalogue (EWC)	030105; 170201; 170604
Identification code	WF-EN13171-T5-CS(10Y)100-TR10-WS1,0-MU3-AFr100

**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.

**Product description**

SWISSTHERM-COMBI is an insulating board for wall and roof with multifunctional application options and profiled edge design. It can be used on both sides and can be laid directly on the rafter. Protect against weather exposure.

**Over-rafter insulation systems:** SWISSTHERM-COMBI can be combined with ISOROOF/ISOLAIR or PAVATHERM-PLUS to make efficient insulation systems. Install SWISSTHERM-COMBI as the first layer and cover with sarking boards. This protects them against weather exposure. As an alternative, SWISSTHERM-COMBI can also be covered with PAVATEX ADB sarking lining or PAVATEX UDB.

**Insulation systems for rear-ventilated facades:** SWISSTHERM-COMBI can be used as insulation for rear-ventilated facades, and may be freely exposed to the elements for 60 days at the most. For open facade cladding, PAVATEX FBA gives the construction long-term protection from the weather.

**Under-rafter insulation systems:** Install SWISSTHERM-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 SWISSTHERM-COMBI over the full surface parallel to the rafter axis.



**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.

