



- 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

Packaging

Thickness [mm]	Boards/pallet	Dimensions _{net} [mm]	m ² _{net} /pallet [m ²]	Dimensions [mm]	m ² /pallet [m ²]	Mass/pallet [kg]	Thermal resistance (R _d) [m ² .K/W]
40*	56	1780 x 560	6,20	1800 x 580	58,46	387	0,95
60	36	1780 x 560	9,30	1800 x 580	37,60	375	1,45
80	28	1780 x 560	12,40	1800 x 580	29,20	387	1,95

*40 mm on demand, not approved for roofs!

Characteristics insulating board

Density [kg/m ³]	145
Thermal conductivity (λ _d) (EN 13171) [W/(m.K)]	0,041
Specific heat capacity (c) [J/(kg.K)]	2100
Water vapour diffusion resistance coefficient (μ) [-]	3
Reaction to fire (EN 13501-1)	E
Compressive strength at 10 % deformation [kPa]	100
Waste code according to The European Waste Catalogue (EWC)	030105; 170201; 170604
Edge profile	tongue & groove
KEYMARK	011-7D021

Product description

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

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. For open facade cladding, PAVATEX FBA gives the construction long-term protection from the weather.

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 rightangle to the rafter axis. Fit PAVATHERM-COMBI over the full surface parallel to the rafter axis.

Always consult the local regulations and installation guidelines of the manufacturer.

Health, Environment and Safety

This product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

Storage

Store dry and protected from damage. May only be installed in a dry state. Stack no more than 4 pallets on top of each other.

