

STEICO *phaltex*
multi purpose, bituminous rigid insulation board



- Reduced short-term moisture absorption
- Easy to handle
- Suitable as insulation board for mastic asphalt screed
- Environmentally friendly
- recyclable

Application area

- multi purpose, bituminous rigid insulation board

Technical data

Produced and supervised according to	EN 13986
Board designation	EN 622-4 SB.H-E1
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	0.050
Rated value thermal conductivity (according to EN ISO 10456, Table 3) [W/(m*K)]	0.070
Density [kg/m ³]	approx. 230
Water vapour diffusion resistance factor μ	5
Specific heat capacity [J/(kg*K)]	2,100
Compression strength [kPa]	100
Manufacturing process	wet process / utilisation of the wood's own lignin for panel bonding
Ingredients	wood fibre, bitumen, paraffin
European Waste Code (EWC)	030105/170201, disposal as wood and wood-based materials, waste wood category A II
Bonded carbon [kg CO ₂ equivalent./m ³]	363

Additional technical data

Thickness [mm]	Declared thermal resistance [(m ² *K)/W]	s _d value [m]
10	0.20	0.05
12	0.20	0.06
19	0.35	0.10

Forms of delivery

Large formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m ²]
10	SE	2500	1200	114	342.000
12	SE	2500	1200	95	285.000
19	SE	2500	1200	60	180.000

Weight and packing

Large formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
10	SE	2500	1200	2.10	6.9	0.10	1.5	25.2	815
12	SE	2500	1200	2.80	8.3	0.10	1.5	25.2	820
19	SE	2500	1200	4.40	13.1	0.10	1.5	25.2	815

Notes

Storage

- Store wood fibre boards horizontally, flat and dry
- Protect edges from damage
- Only remove the film packaging when the ambient climate is dry and keep the pallet packing label
- Maximum stacking height: 4 pallets

Disposal

- Disposal of offcuts: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II
- Disposal after dismantling: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II

Processing

- The boards can be cut to size using the STEICO *isoflex cut combi* cutting table or a band saw, circular saw, jigsaw and other wood-cutting tools.

Occupational health and safety

- Comply with local regulations for the processing of wood-fibre material
- Suitable protective measures must be taken when cutting the wood fibre insulation boards. (dust extraction, dust mask)

Installation

- This is an industrial product with no defined application areas. Please contact STEICO for technical support to ensure this product is suitable for your requirements
- This document is based on the German technical data sheet and is intended for general information purposes in an international context. National regulations and building codes must be additionally observed.

Certificates and quality management



☰ Caption

other abbreviations

- pal.** Pallet
- T&G** Tongue and Groove
- pac.** Packaging
- approx.** Approximately
- SE** square edge
- Pcs.** Pieces