

**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 <sup>3</sup> ]	B 10 approx. 230 / B 35 approx. 310
Water vapour diffusion resistance factor $\mu$	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 (B10 approx 10-20 % / B35 approx 35 %), paraffin
European Waste Code (EWC)	030105/170201, disposal as wood and wood-based materials, waste wood category A II
Bonded carbon [kg CO <sub>2</sub> equivalent./m <sup>3</sup> ]	363

**Additional technical data**

Thickness [mm]	Declared thermal resistance [(m <sup>2</sup> *K)/W]	s <sub>d</sub> value [m]
10	0.20	0.05
12	0.20	0.06
18	0.36	0.09
20	0.40	0.10
25	0.50	0.12

### Forms of delivery

#### B10 - Big formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
10	SE	2250	1180	110	292.050
12	SE	2250	1180	93	246.915
18	SE	2250	1180	62	164.610
20	SE	2250	1180	57	151.335
25	SE	2250	1180	46	122.130

#### B35 - Big formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
10	SE	2250	1180	110	292.050
12	SE	2250	1180	93	246.915
18	SE	2250	1180	62	164.610
20	SE	2250	1180	56	151.335
25	SE	2250	1180	46	122.130

### Weight and packing

#### B10 - Big formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m <sup>2</sup> [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	2250	1180	2.30	6.1	0.10	1.5	25.2	705
12	SE	2250	1180	2.80	7.4	0.10	1.5	25.2	720
18	SE	2250	1180	4.10	11.0	0.10	1.5	25.2	715
20	SE	2250	1180	4.60	12.2	0.10	1.5	25.2	715
25	SE	2250	1180	5.75	15.3	0.10	1.5	25.2	735

#### B35 - Big formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m <sup>2</sup> [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	2250	1180	2.30	6.1	0.10	1.5	25.2	705
12	SE	2250	1180	2.80	7.4	0.10	1.5	25.2	720
18	SE	2250	1180	4.10	11.0	0.10	1.5	25.2	715
20	SE	2250	1180	4.60	12.2	0.10	1.5	25.2	715
25	SE	2250	1180	5.75	15.3	0.10	1.5	25.2	735

## 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