

Environmentally friendly insulation materials made from natural wood fibres



## Multifunctional rigid woodfibre insulation board

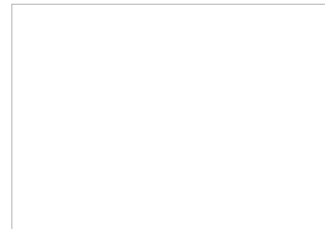
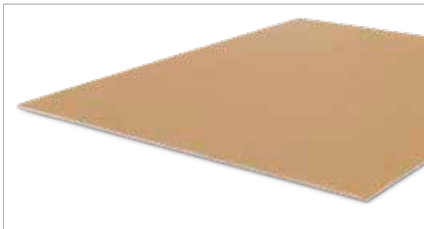


### Areas of application

Multi purpose insulation board from natural wood fibre for roof, wall and floor applications



- High compression strength
- High heat protection during summer months
- Excellent insulation qualities
- Ideal combination for high load bearing dry and wet screed
- Suitable for mastic asphalt screed
- Ecological and environmentally friendly, recyclable



## Packaging STEICO*standard nature*

Thickness [mm]	Length [mm]	Width [mm]	Edge profile	Number / pal. [pcs.]	Area / pal. [m <sup>2</sup> ]	Weight / m <sup>2</sup> [kg]	Weight / pal. [kg]	pal. / truck	pal. / container
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### Formats for versatile use

8	2,250	1,180	square edge	135	358,425	2.00	approx. 743	24	20
10	2,250	1,180	square edge	110	292,050	2.50	approx. 751	24	20
12	2,250	1,180	square edge	90	238,950	3.00	approx. 734	24	20
12	2,440	1,220	square edge	95	282,796	3.00	approx. 770	22	–
15	2,250	1,180	square edge	75	199,125	3.75	approx. 761	24	20
19	2,250	1,180	square edge	59	156,645	4.75	approx. 755	24	20

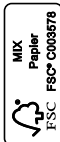
### Upright standing for container loading

8	2,440	1,220	square edge	135	401,868	2.00	approx. 876	22	18
10	2,440	1,220	square edge	110	327,448	2.50	approx. 877	22	18
12	2,440	1,220	square edge	90	267,912	3.00	approx. 851	22	18
15	2,440	1,220	square edge	73	217,306	3.75	approx. 854	22	18
19	2,440	1,220	square edge	58	172,654	4.75	approx. 851	22	18

## Characteristic values STEICO*standard nature*

Produced and supervised according to	EN 13986
Board designation	EN 622-4 SB – E1
Edge profile	square edges
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0,050
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	0,16 (8)/0,20 (10)/0,24 (12)/0,30 (15)/0,38 (19)
Density [kg/m <sup>3</sup> ]	approx. 250
Water vapour diffusion resistance factor $\mu$	5
$s_d$ value [m]	0,04 (8)/0,05 (10)/0,06 (12)/0,08 (15)/0,1 (19)
Specific heat capacity $c$ [J/(kg*K)]	2.100
Minimum compression strength at 10% deformation $\sigma_{10}$ [N/mm <sup>2</sup> ]	$\geq 0,10$
Compression strength [kPa]	$\geq 100$
Raw material	Wood fibre
Waste code (EAK)	030105/170201

**Recommendations:** Store flat, level and under cover. Protect edges from damage. Remove plastic foil packing only when the pallet is on hard, dry and even ground. Max. stacking height: 2 pallets. For dust extraction please refer to national requirements.



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