

STEICO *isorel*

multi purpose rigid insulation board

Environmentally-friendly insulation system
made from natural wood fibres



| AREAS OF APPLICATION

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



| MATERIAL

Wood fibre insulation board produced in accordance with EN 13986 and EN 13171 and with ongoing quality supervision

Our wood fibre is sourced from effectively managed forests and is independently certified in accordance with the guidelines of the FSC®.

For dust extraction please refer to national requirements

- 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
- Recycleable

For more information please visit our website at www.steico.co.uk



PACKAGING

Thickness [mm]	Size [mm]	Weight [kg/m ²]	Pieces/pallet	m ² /pallet	Weight./pal. [kg]
8	1200 * 1000	2,00	138	165,6	approx. 350
10	2500 * 1200	2,20	114	342,0	approx. 790
12	2500 * 1200	2,64	95	285,0	approx. 790
15	2500 * 1200	3,30	76	228,0	approx. 790
19	2500 * 1200	4,18	60	180,0	approx. 790

CHARACTERISTIC VALUES

STORAGE / TRANSPORT

- Flat, level and under cover
- Protect edges from damage
- Remove plastic foil packing only when the pallet is on hard, dry and even ground
- Carry single boards vertically

Produced and supervised according to EN 13986	
Board designation	EN 622-4 SB – E1
Edge design	straight
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0,050
Declared thermal resistance R_D [(m ² *K)/W]	0,16(8)/0,20(10)/0,24(12)/0,30(15) 0,38(19)
Density [kg/m ³]	approx. 230
Water vapour diffusion resistance factor μ	5
Sd value [m]	0,04 (8)/0,05(10)/0,06(12)/0,08(15)/0,1(19)
Specific heat capacity c [J/(kg*K)]	2100
Minimum compression strength at 10 % deformation δ_{10} [N/mm ²]	$\geq 0,10$
Minimum compression strength [kPa]	≥ 100
Raw material	Wood fibre
Waste code (EAK)	030105 / 170201

Date 03/2017. Valid to subsequent revisions.



Production certified accor. to ISO 9001:2008

STEICO
engineered by nature

Your STEICO Agent

www.steico.co.uk