

Environmentally friendly insulation system made from natural wood fibres



## Steico Flex-036

**Flexible, ecological insulation batts made from wood fibre**



### Areas of application

Flexible cavity insulation in roof, wall and ceiling

- Excellent insulation properties in winter and summer
- Water vapour open for a healthy internal environment
- Sustainable climate protection through CO2 storage
- Friction fits to adjoining components
- Supports an environmentally friendly living environment



The mark of responsible forestry



Packaging & Sizes

Thickness (mm)	Size [mm]	Declared thermal resistance [(m <sup>2</sup> *K)/W]	sd value [m]	Pieces / pallet	Coverage per pallet [net m <sup>2</sup> ]	Weight/m <sup>2</sup> [kg]	Weight / pal. [kg]
40*	1190 * 575	1.10	0.08	120	82.110	2.00	~ 190
50*	1190 * 575	1.35	0.10	90	61.583	2.50	~ 185
60*	1190 * 575	1.65	0.12	80	54.740	3.00	~ 185
80*	1190 * 575	2.20	0.16	60	41.055	4.00	~ 190
<b>90</b>	<b>1190 * 575</b>	<b>2.50</b>	<b>0.18</b>	<b>60</b>	<b>34.213</b>	<b>4.50</b>	<b>~ 200</b>
100*	1190 * 575	2.75	0.20	48	32.844	5.00	~ 185
120*	1190 * 575	3.30	0.24	40	27.370	6.00	~ 190
140*	1190 * 575	3.85	0.28	32	21.896	7.00	~ 175
160*	1190 * 575	4.40	0.32	30	20.528	8.00	~ 190
180*	1190 * 575	5.50	0.36	24	16.422	9.00	~ 175
200*	1190 * 575	5.55	0.40	24	16.422	10.00	~ 190
220*	1190 * 575	6.10	0.44	20	13.685	11.00	~ 175
240*	1190 * 575	6.65	0.48	20	13.685	12.00	~ 190

Handy format [ rectangle] Pallet size: ca. 1.15m \* 1.20m \* 2.40m - 2.55m | \* Indicates special order size - 3 months lead time.

Technical Data

Produced and supervised according to	EN 13171	Specific heat capacity [J/(kg*K)]	2,100
Board designation	WF – EN 13171 – T3 – TR1 – AFR5 – MU 2	Declared level of airflow resistance [(kPa*s)/m <sup>2</sup> ]	≥ 5
Fire class (RTF) according to EN 13501-1	E	Ingredients	Wood fibres, polyolefin fibres, ammonium sulfate
Permanent temperature range [°C]	≤ 100	Manufacturing process	dry process
Declared thermal conductivity [W/(m*K)]	0.036	Waste code (EAK/AVV) 2014/955/EU: 030105/170201	030105/170201. Disposable like wood and engineered wood products
Density [kg/m <sup>3</sup> ] (approx.)	50	Bonded Carbon [kg CO2 equivalent/m <sup>3</sup> ] (approx.)	73
Water vapour diffusion resistance factor μ	2		

Notes

Storage

- Store wood fibre insulation batts in a dry place and protect from weathering
- Do not remove the transport packaging until the pallet is on a firm, level surface
- Store and transport insulation packages horizontally without high loads
- Keep pallet inserts and package stickers for your construction site documentation

Building moisture

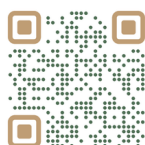
- Building moisture caused by fresh screed, plaster or paint, for example, must generally be removed by ventilation.
- Dry air must be ensured inside the building during the construction phase.

Occupational health and safety

- Suitable protective measures must be taken when cutting the wood fibre insulation boards. (dust extraction, dust mask)
- HSE guidance on the safe cutting of timber and the management of wood dust should be followed

Cutting

- The panels are easy to cut with a sharp insulation knife, a reciprocating saw, a jigsaw, or an electric saw with two serrated blades running in opposite directions.



Scan for Installation Guide

