

STEICO *flex 036*

flexible thermal insulation from wood

Environmentally friendly insulation system
made from natural wood fibres

NEW



Best thermal conductivity
 $\lambda_D = 0.036$



| AREAS OF APPLICATION

Flexible cavity insulation in **roof**, **dry wall** and **floor** constructions

Cavity insulation for **partition walls**, **dry external walls** and **service zones**.

| MATERIAL

Wood fibre insulation batt produced in accordance with EN 13171 and with ongoing quality supervision.

STEICO uses wood from sustainably managed forests, certified according to the strict guidelines of the FSC® (Forest Stewardship Council).

- Lowest thermal conductivity of any wood based flexible insulation products
- New fibre structure improves robustness and workability
- Friction fits to adjoining components
- Easy handling and classified as non-irritant to skin
- Excellent insulation properties in winter and summer
- Water vapour open for a healthy room environment
- Provides a green architectural solution
- Ecological and environmentally friendly, fully recyclable

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

PACKAGING OF STEICOflex 036

Thickness [mm]	Dimensions [mm]	Weight/m ² [kg]	Pieces/package	Packages/pallet	Coverage/pallet [m ²]	Weight/pallet [kg]
40	1.220 * 575	2.40	10	12	84.2	approx. 227
50	1.220 * 575	3.00	9	10	63.1	approx. 215
60	1.220 * 575	3.60	8	10	56.1	approx. 227
80	1.220 * 575	4.80	6	10	42.1	approx. 227
100	1.220 * 575	6.00	4	12	33.7	approx. 227
120	1.220 * 575	7.20	4	10	28.1	approx. 227
140	1.220 * 575	8.40	4	8	22.4	approx. 214
160	1.220 * 575	9.60	3	10	21.0	approx. 227
180	1.220 * 575	10.80	3	8	16.8	approx. 207
200	1.220 * 575	12.00	2	12	16.8	approx. 227
220	1.220 * 575	13.20	2	10	14.0	approx. 210
240	1.220 * 575	14.40	2	10	14.0	approx. 226

Dimensions from 550-3100 mm on request

CHARACTERISTIC VALUES OF STEICOflex 036

RECOMMENDATIONS

Transport packaging should only be removed once the pallet is on a safe and level surface.

STEICOflex036 should be stored flat on a level surface.

Produced and supervised according to	EN 13171
Board designation	WF – EN 13171 – T3 – TR1 – AF,5 – MU2
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.036
Declared thermal resistance R_D [(m ² *K)/W]	1.10(40) / 1.35(50) / 1.65(60) / 2.20(80) / 2.75(100) / 3.30(120) / 3.85(140) / 4.40(160) / 5.00 (180) / 5.55(200) / 6.10(220) / 6.65(240)
Density [kg/m ³]	Approx. 60
Water vapour diffusion resistance value μ	2
Specific heat capacity c [J/(kg*K)]	2,100
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 5
Waste code (AVV)	030105 / 170201 Waste disposal like timber or timber products
Ingredients	Wood fibres, polyolefin fibres, ammonium sulfate



STEICO
engineered by nature

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