

STEICO *flex 036*

Flexible thermal insulation from wood

Environmentally friendly insulation system made from natural wood fibres

λ_D 0,036

Best thermal conductivity



Flexible, ecological insulation from natural wood fibres



Areas of application

Flexible cavity insulation in roof, wall and floor constructions

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

- Excellent insulation properties in winter
- Excellent heat protection in summer
- Water vapour open for a healthy internal environment
- Manufactured with fresh softwood – sustainable climate protection through CO₂ storage
- Friction fits to adjoining components
- Supports an environmentally friendly living environment
- Ecological and environmentally friendly, fully recyclable



The mark of responsible forestry



Packaging of STEICOflex 036

STEICOflex 036 (Square edge)

Thickness [mm]	Dimensions [mm]	Pieces/package	Pieces/pallet	Coverage/pallet [m ²]	Weight/m ² [kg]	Weight/pallet [kg]
40	1,190 * 375	10	180	80.3	2.40	approx. 210
50	1,190 * 375	9	135	60.2	3.00	approx. 200
60	1,190 * 375	8	120	53.6	3.60	approx. 210
80	1,190 * 375	6	90	40.2	4.80	approx. 210
100	1,190 * 375	4	72	32.1	6.00	approx. 210
120	1,190 * 375	4	60	26.8	7.20	approx. 210
140	1,190 * 375	4	48	21.4	8.40	approx. 200
40	1,190 * 575	10	120	82,1	2.40	approx. 210
50	1,190 * 575	9	90	61,6	3.00	approx. 200
60	1,190 * 575	8	80	54,7	3.60	approx. 210
80	1,190 * 575	6	60	41,1	4.80	approx. 210
100	1,190 * 575	4	48	32,8	6.00	approx. 210
120	1,190 * 575	4	40	27,4	7.20	approx. 210
140	1,190 * 575	4	32	21,9	8.40	approx. 200
160	1,190 * 575	3	30	20,5	9.60	approx. 210
180	1,190 * 575	3	24	16,4	10.80	approx. 200
200	1,190 * 575	2	24	16,4	12.00	approx. 210

Characteristic values of STEICOflex 036

Produced and supervised according to	EN 13171
Board designation	WF – EN 13171 – T3 – TR1 – AF,5 – MU 2
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)
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

Notes: Transport packaging should only be removed once the pallet is on a safe and level surface. STEICOflex 036 should be stored flat on a level surface.



STEICO
engineered by nature

Your STEICO partner

www.steico.com