

# STEICO *flex 036*

Flexible thermal insulation from wood

Environmentally friendly insulation system made from natural wood fibres

$\lambda_D$  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 CO<sub>2</sub> storage
- Friction fits to adjoining components
- Supports an environmentally friendly living environment
- Ecological and environmentally friendly, fully recyclable





## Packaging of STEICOflex 036

### STEICOflex 036 (Square edge)

Thickness [mm]	Dimensions [mm]	Pieces/package	Pieces/pallet	Coverage/pallet [m <sup>2</sup> ]	Weight/m <sup>2</sup> [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 $\lambda_D$ [W/(m*K)]	0,036
Declared thermal resistance $R_D$ [(m <sup>2</sup> *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 <sup>3</sup> ]	Approx. 60
Water vapour diffusion resistance value $\mu$	2
Specific heat capacity $c$ [J/(kg*K)]	2.100
Declared level of airflow resistance [(kPa*s)/m <sup>2</sup> ]	≥ 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.



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