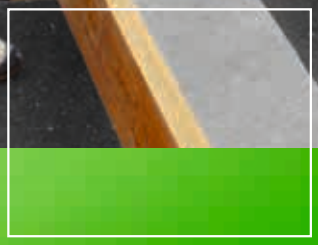
STEICO *flex 036*

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

- 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_2 storage
- Friction fits to adjoining components
- Supports an environmentally friendly living environment
- Ecological and environmentally friendly, fully recyclable

Areas of application

Flexible cavity insulation in roof, wall and floor constructions

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

Packaging of STEICO*flex 036*

STEICO*flex 036* (Square edge)

Thickness [mm]	Dimensions [mm]	Weight / m² [kg]	Pieces / package	Packages / pallet	Coverage / pallet [m²]	Weight / pallet [kg]
30	1220 * 575 *	1.80	16	10	112.2	ca. 288
40	1220 * 575	2.40	10	12	84.2	ca. 227
50	1220 * 575	3.00	9	10	63.1	ca. 215
60	1220 * 575	3.60	8	10	56.1	ca. 227
80	1220 * 575	4.80	6	10	42.1	ca. 227
100	1220 * 575	6.00	4	12	33.7	ca. 227
120	1220 * 575	7.20	4	10	28.1	ca. 227
140	1220 * 575	8.40	4	8	22.4	ca. 214
160	1220 * 575	9.60	3	10	21.0	ca. 227
180	1220 * 575	10.80	3	8	16.8	ca. 207
200	1220 * 575	12.00	2	12	16.8	ca. 227
220	1220 * 575	13.20	2	10	14.0	ca. 210
240	1220 * 575	14.40	2	10	14.0	ca. 226

Dimensions from 550 - 3100 mm on request; * Special order – Delivery times on request

Characteristic values of STEICO*flex 036*

Produced and supervised according to	EN 13171
Board designation	WF – EN 13171 – T3 – TR1 – AF_r5 – 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 [(m²*K)/W]	0.80 (30) / 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 / m³]	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)/m²]	≥ 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. STEICO*flex 036* should be stored flat on a level surface.

Printed on FSC® certified paper. Date 06/2020 | The current valid version applies. Valid to subsequent revisions. | Country specific regulations may apply.

STEICO
engineered by nature

Your STEICO partner

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