

best wood FLEX 50

Version 04/2018



FLEX 50 is the ideal insulation for in-between rafter areas of ceilings and timber frame constructions. Thanks to its good clamping effect, FLEX 50 is easy to process.

Technical information

Denomination of insulation board	WF-EN13171-T2-AF10-MU1/2
Density	50 [kg/m ³]
Nominal value of thermal conductivity λ_D	0,037 [W/(mK)]
Rated value of thermal conductivity λ	0,039 [W/(mK)]
Reaction to fire according to DIN EN 13501-1	E
Construction material class according to DIN 4102-1	B2
Full declaration	Wood fibers, polyamide (binding fiber), ammonium phosphate (flame retardant)
Production process	Dry process
Water vapor diffusion resistance μ	1-2
Linear flow resistance	> 10 [kPa·s/m ²]
Specific heat capacity	2100 [J/(kg K)]
Waste code according to AVV	030105, 170201 / observe the national regulations

Fields of application according to DIN 4108-10

DZ, DI-zk, WH, WI-zk, WTR

DZ	Insulation between rafters, ventilated roofs, not walkable, but accessible uppermost ceilings
DI	Internal insulation of the ceiling (from below) or of the roof, insulation under rafters/supporting structure, suspended ceiling, and so on
zk	No requirements to tensile strength
WH	Insulation in timber frame constructions and timber panel constructions
WI	Insulation of internal wall structures
WTR	Insulation of partitions/drywall structures



Delivery formats

	Flexible production	Standard sizes
Edge formation	Stump	Stump
Thickness	40–240 mm	40, 50, 60, 80, 100, 120, 140, 160, 180, 200, 220, 240 mm
Length	1200 mm	1200 mm
Width	490–825 mm	565 mm
Pallet height	up to a max. of 2800 mm	up to a max. of 2800 mm