Technical datasheet

best wood **FIBRE**

Version 01/2022



FIBRE offers the possibility to insulate even complicated compartments. A joint-free insulation can be guaranteed. Thanks to the interconnection of the wood fiber, a constant resistance against settling can be obtained at a fill density of 35 – 38 kg/m³.

Technical information

Type approval	ETA 16/0954
Recommended blow-in density, open blown*	approx. 28 [kg/m³]
Nominal value of thermal conductivity λ_D	0.041 [W/(mK)]
Rated value of thermal conductivity λ	0.043 [W/(mK)]
Recommended blow-in density, closed cavities	35–38 [kg/m³]
Nominal value of thermal conductivity λ_D	0.039 [W/(mK)]
Rated value of thermal conductivity λ	0.041 [W/(mK)]
Reaction to fire according to DIN EN 13501-1	E
Construction material class according to DIN 4102-1	B2
Linear flow resistance	> 5 [kPa·s/m2]
Full declaration	Wood fibers, fire retardants: ammonium sulphate
Production process	Dry process
Water vapor diffusion resistance µ	1-2
Specific heat capacity	2,100 [J/(kg K)]
Waste code according to AVV	030105, 170201

* An installation thickness that has been reduced by 20% must be used when calculating the thermal resistance of components with open blowing.

Fields of application according to DIN 4108-10

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

DZ	Insulation between rafters, insulation of wooden ceilings, insulation of upper floor slabs
DI	Internal insulation of the ceiling (from below) or of the roof, insulation under rafters/supporting structure, suspended ceiling, and so on
zk	No special requests as to tensile strength
WH	Infilling insulation of walls in wooden framework and timber frame constructions
WI	Inside insulation of walls
WTR	Insulation of partition walls

ETA-16/0954

PEFC 04-31-0355

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Delivery formats

	Bale size [mm]	Weight[kg/Bale]	Pallet size [m]	Weight [kg/Pallet]	Pieces/pallet
Industry packing (lose packed on euro pallets)	800 x 420 x 320 mm	15 kg	0.80x1.20x2.50 m	315	21
(single) bales (on euro pallets)	800 x 420 x 320 mm	14 kg	0.80x1.20x2.50 m	294	21

Please note that a structural calculation has to done before installation. The present tables are only including guide values. All rights reserved. The technical data provided herein is subject to change. Although all of the information herein was up to date at the time of its publication, the publication of superseding information renders the old information invalid. Regional and national regulations and building law have to be fulfilled. The suitability and the details have to be checked for the intended use. best wood SCHNEIDER® GmbH shall not be held liable for any damage resulting from error or misprinting.