Technical datasheet

best wood **FIBRE**

Version 01/2026

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 from 38 kg/m³.

Technical information

Type approval	ETA-16/0954
Recommended blow-in density, for compartments closed on both sides Nominal value of thermal conductivity λ_D Rated value of thermal conductivity λ	38–45 [kg/m³] 0.038 [W/(mK)] 0.040 [W/(mK)]
Recommended blow-in density, open blown* Nominal value of thermal conductivity λ_D Rated value of thermal conductivity λ	approx. 28 [kg/m³] 0.041 [W/(mK)] 0.043 [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] from 38 kg/m³
Full declaration	Wood fibers, fire retardants: ammonium sulphate
Production process	Dry process
Water vapor diffusion resistance µ	2
Specific heat capacity	2,100 [J/(kg K)]
Waste code according to AVV	030105, 170201

* An installation thickness that has been reduced by 15% 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

Delivery formats

Packaging	Weight[kg/Bale]	Bale size [mm]	Pallet size [m]	Weight [kg/Pallet]	PU
Packed bales	21 bales at 15 kg	800 x 420 x 320 mm	0.80x1.20x2.50 m	315	kg
Loose bales, industry packaging on pallets	21 bales at 14 kg	800 x 420 x 320 mm	0.80x1.20x2.50 m	294	kg

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.