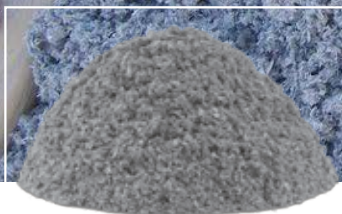


Fibertherm flocc

Cellulose loose-fill insulation

Beton  **Wood**

Environmentally friendly insulation systems made of natural cellulose fiber



| AREAS OF APPLICATION

Loose-fill insulation for all closed cavities of roofs, walls and ceilings. Suitable for inflatable insulation methods.

Prefabrication of wall and roof elements with filling.

Ideal insulation material in the renovation area roof and floor.

- especially ecological insulation made from sorted waste paper, also available as boron-free version
- joint-free, waste-free, insulates cavities of all sizes and thicknesses
- best quality of insulating flakes thanks to state-of-the-art production technology
- excellent insulation properties in winter
- excellent heat protection in summer
- particularly open to diffusion for increased construction safety
- permanent placement safety with low material usage
- safe processing with blowing machines of all sizes
- high quality by trained processing companies



For more informations about the uses and the installation, our offices are ready to answer your questions on www.fibradilegno.com



| DELIVERY IN PRACTICAL BAGS

Fibertherm flocculent is supplied in 13 kg PE bags
 21 bags per Pallet = 273 kg/Pallet
 Pallet size= approx. 0,80 x 1.20 x 2,35 m (length x width x height)

| MATERIAL

Cellulose fibers produced according to qualified technical specification Z-23.11-2070 with continuous quality control.

For Fibertherm flocculent only sorted waste paper is used.

| RECOMMENDATIONS

Adhere to the rules in force for dust treatment.

Place the material in a dry place.





Remove the film of the pallet when it is on a flat, stable and dry ground.

Fibertherm flocculent can be used in external components GK0 in wooden structures and prefabricated elements according to the constraints of Z-23,11-2,070.

| TECHNICAL CHARACTERISTICS Fibertherm flocculent

Approval for cellulose fibers such as	thermal insulation
General approval	German building institute Z-23,11-2.070
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_{W}/(m^{\circ}K)$	
27–39 kg/m ³	0,040
40–60 kg/m ³	0,039
Recommended density kg / m ³	
• open inflation:	
ceiling on the top floor	approx. 27 – 39
• closed component cavity:	
Roof, false ceiling, wall	approx. 40 – 60
Flow resistance R according to EN 29053	
30 kg / m ³	6,2 kPa * s/m ²
45 kg / m ³	18,4 kPa * s/m ²
Water vapour diffusion resistance factor μ	1 - 2
Specific heat capacity c J / (kg * K)	2.100
Waste code (EAK)	170604 / 170904

| MINIMUM DENSITY TABLE Fibertherm flocculent

Insulation thickness				
		✱ 0°– 20°	✱ 20°– 60°	> 60°
		[kg/m ³]		
≤ 16 cm	30	38	43	47
≤ 22 cm	32	40	45	50
≤ 28 cm	34	43	47	52
≤ 34 cm	34	44	49	55
≤ 40 cm	34	48	51	57

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FTHFLOC IR.18.01

