Technical datasheet

best wood **FLOOR 160**

Version 01/2024

Wood fiber insulation board with foundation lath to fasten floor structures. Wood fiber insulation board without foundation lath for application as sub-base for floating dry screed structures as well as self levelling floor screeds and cement screeds. Foundation lath from spruce with tongue and groove.

Technical information

Denomination	WF-EN 13171-T5-CS(10\Y)150-TR20-WS1,0-MU5-AFr75-SD60-CP2
Norm	EN13171
Density	160 [kg/m^3]
Nominal value of thermal conductivity λ_D	0.041 [W/(mK)]
Rated value of thermal conductivity λ	0.043 [W/(mK)]
Reaction to fire according to DIN EN 13501	E
Construction material class according to DIN 4102	B2
Full declaration	Wood fibers, PMDI gluing, paraffin
Production process	Dry process
Compressive stress at 10% compression	≥ 150 [kPa]
Tensile strength perpendicular to the plane of the board	≥ 25 [kPa]
Modulus of elasticity $E_{(d)}$	≥ 1.45 [N/mm^2]
Water vapor diffusion resistance μ	5
Linear flow resistance	> 75 [kPa·s/m^2]
Short time water absorption	< 1.0 [kg/m^2]
Specific heat capacity	2,100 [J/(kg K)]
Waste code according to AVV	030105, 170201

Fields of application according to DIN 4108-10

DEO-ds

DEO	Inside insulation of the ceiling (on the top) under screed without noise protection requirements
ds	High pressure resistance

Delivery formats insulation board

Edge formats	Tongue + groove
Thickness	40, 60, 80 mm
Length	1,500 mm
Width	580 mm
Pallet height	up to a max. of 1,350

Delivery formats foundation lath from spruce

Edge formats	Tongue + groove
Thickness	35 mm
Length	2,000 mm
Width	50 mm cover size; 60 mm profile size

Board weights

Thickness in mm	1 m²	580 x 1,500 mm 0.87 m²
40	6,4 kg	5,5 kg
60	9,6 kg	8,4 kg
80	12,8 kg	11,2 kg

Certificats

Installation advice

- Store and install FLOOR 160 dry
- Install the boards laterally, exact and without joints
- Cut with a common woodworking tool
- Diagonal joints are not allowed
- Do not install damaged boards!
- For acoustic decoupling, FLOOR 160 and foundation lath must not be installed with contact to the wall
- Dust extraction in accordance with BG regulations
- Installation elements or inlets (e.g. solar pipes ...), for which temperatures of > 80°C can be expected, must not be installed without any additional fire precautions into the best wood SCHNEIDER® wood fiber insulation materials.