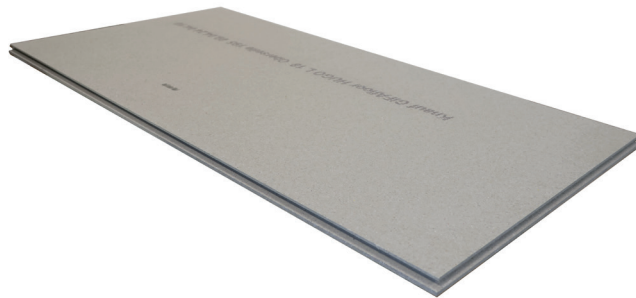


Technical data

Wolf HUGO N + F

- Gypsum fiberboard for floor finishing
- Dry construction method
- Tongue and groove joint
- Prefabricated screed
- Quick and easy processing
- Non-combustible
- No screwing necessary
- Suitable for all standard floor coverings (formats of natural stone and tiles depending on the substructure and the payload)
- Suitable for domestic damp rooms (waterproofing may be required)



Product description:

Wolf HUGO N & F is a gypsum fiberboard for interior construction with a tongue and groove joint.

Technical data				
Characteristic	Value	Tolerance level	Unit	Standard
Raw density	≥ 1854 -0/+253	-0/+253	lb/yd³	EN 15283-2
Standard material thickness	0.7	±0.02	in	EN 15283-2
Sandable	Cleaning sanding possible			
Length x Width (cover dimension)	47.2 x 2.36	+0/-0.16	in	EN 15283-2
Weight	approx. 59.3		lb/yd²	
Reaction to fire	A2-s1.d0			EN 13501-1
Bending tensile strength	≥0.725		kip/in²	EN 15283-2
Surface hardness for panel type GF-I	≤0.6		in	EN 15283-2
Surface Brinell hardness	≥2.9		kip/in²	
Adhesive tensile strength visible side	≥0.073		kip/in²	EN 12004
Shape of edge	4-sided tongue and groove milling			
Bonding with Wolf system glue / Range: approx. 29.9 yd²/container				

Technical Data

Hygroscopic, hygrothermal and thermal characteristic values			
Characteristic	Value	Unit	Standard
Water absorption according to Cobb	≤5537	gr/yd ²	EN 15283-2
Thickness swelling after 24h water storage	≤0.5	%	
Equalizing humidity at 20°C, 65% rel. humidity	0.5 - 0.9	%	
Calculated value of the change in length*	0.013	in/yd	
Length change with temperature change	≤0.024	in/(yd°F))	in accordance with EN 318
coefficient of thermal expansion α	3.81*10 ⁻⁷	1/°F	in accordance with EN 318
Water vapor diffusion resistance coefficient μ dry / moist	10/4		EN 125241
Diffusion-equivalent air layer thickness sd dry / moist	7.1 / 2.75	in	ISO 7783
Water vapor adsorption	Class WSII		in accordance with DIN 18947
Calculated value of the thermal conductivity λ _R	2.636	BTU·in/h·ft ² ·°F	EN 12664
For the dimensioning of underfloor heating systems is λ ₁₀	2.08	BTU·in/h·ft ² ·°F	EN 12664
Specific heat capacity c	>0.25	BTU/lb·°F	EN 993
Hygrothermal installation conditions (stationary)	+50°F bis +95°F; ca.45-75% r.m.		
hygrothermal usage conditions (stationary)	14°F bis +95°F; ca.45-75% r.m.		
* The calculated value of the change in length is to be used for the calculation of joint widths of Wolf Hugo N+F prefabricated screeds. This calculation value is based on measurements of the change in length of the material when the relative humidity changes by 30% at 68°F and includes additional safety factors.			

Storage:

Store in a dry environment / at the installation site - for acclimatization - 2 days before processing.

Waste disposal:

For Wolf Hugo N+F waste, waste code no. 17 08 02 Gypsum-based building materials or no. 17 09 04 Mixed construction and demolition waste that is not contaminated with hazardous substances.