

## **EcoWood Modul slatted panels**



- **Wooden slatted panels for lining of ceilings and walls**
- **The panels are manufactured according to the customer's design**
- **Wood species, e.g. pine, birch or oak**
- **Surface treatment: paint, stain, varnish, wax, oil, also fire resistant agent if necessary**
- **As base material, a flame-proofed acoustic felt: grey, white or black**
- **The panel standard dimensions are 600 x 1,200; other dimensions also possible**
- **The size and spacing of slats is optional**
- **The panels are mounted either on the GK framework with screws or fastened to T15/T24 battens**



# FiberAcoustic® 75

## Technical data

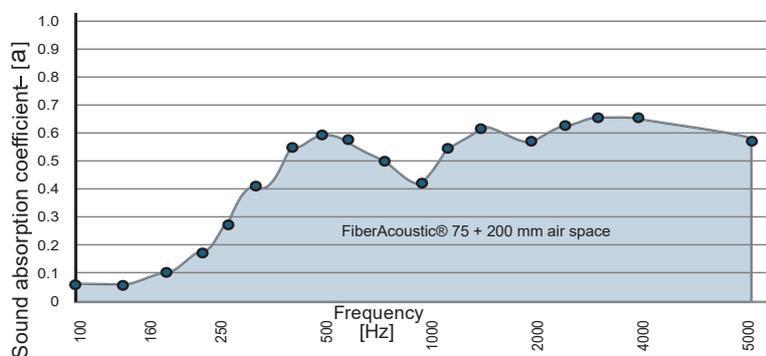
10/2015

FiberAcoustic®	Standard	Unit	Value MD/CD
Weight	EN ISO 9864	g/m <sup>2</sup>	75
Tensile strength	EN 29073-3	N/5 cm	25/35
Elongation at peak	EN 29073-3	%	15/30
Thickness	EN ISO 9073-1	mm	0,3
Acoustic impedance		Ns/m <sup>2</sup>	250
Fibre blend	100% FR polyester		
Treatment	Adhesive glue on one side (melt temp. 85°C)		
Length / width	Standard 100 metres / 600 and 1200 mm		
Colour	White and black		
Flame retardancy	EN ISO 13501-1: B-s1, d0		

MD: Machine direction CD: Cross direction

## Sound absorption coefficient

Frequency-[Hz]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption-[a]	0.05	0.04	0.10	0.19	0.28	0.41	0.54	0.58	0.57	0.50	0.41	0.55	0.61	0.59	0.62	0.63	0.63	0.58



Material absorption coefficient in accordance with EN ISO 354.

# FiberAcoustic® 450

## Technical data

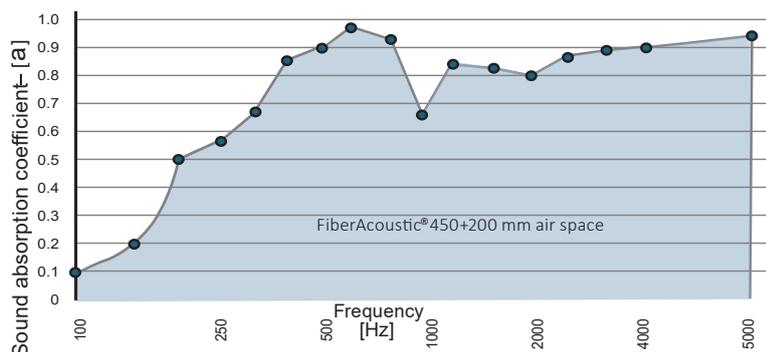
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FiberAcoustic®	Standard	Unit	Value MD/CD
Max. Weight	EN 29073-2	g/m <sup>2</sup>	450
Tensile strength	EN 29073-3	N	425/800
Elongation at peak	EN 29073-3	%	80/55
Thickness	EN 29073-1	mm	2,5
Acoustic impedance		Ns/m <sup>2</sup>	600
Fibre blend	100% FR polyester		
Length / width	Standard 40 metres/ 1150 mm		
Colour	White, black and coloured		
Flame retardancy	EN ISO 13501-1: B-s1, d0		

MD: Machine direction CD: Cross direction

## Sound absorption coefficient

Frequency-[Hz]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption-[a]	0.05	0.04	0.10	0.19	0.28	0.41	0.54	0.58	0.57	0.50	0.41	0.55	0.61	0.59	0.62	0.63	0.63	0.58



Material absorption coefficient in accordance with EN ISO 354.

## Properties



## Properties



**EcoWood Modul**

For protection from fire, **TEKNOSAFE 2467-00** fire retardant varnish, **TEKNOSAFE 2407-00** fire retardant paint or **MULTIPROTECT** fire retardant agent are used.



**Ecolare OÜ Rohuaia 22-12 44310 Rakvere Eesti**

**GSM +372 52 04 61 GSM +372 53 29 2988**

**info@ecolare.ee mardo@ecolare.ee arne@ecolare.ee**

**www.ecolare.ee**