

FiberAcoustic® 200 & 200-M

High-performance acoustic fabrics



Fibertex has created FiberAcoustic® – a range of exclusive acoustic fabrics focused on excellent sound absorption, high quality, and design freedom. The products are aimed at architects and designers, consulting engineers, interior companies, acousticians, and installers.

Two new products have been added to the FiberAcoustic® product range after intensive development and collaboration with the French testing institute CTTM. The new acoustic fabrics – FiberAcoustic® 200 and FiberAcoustic® 200-M – are also used in acoustic walls and ceilings where optimal room acoustics, a sleek and aesthetic design, and uncompromised indoor environment and fire safety are desired. FiberAcoustic® 200 is for indoor use, while the slightly stronger FiberAcoustic® 200-M can also be used in noise barriers and noise screens along roads and residential areas.

Advantages:

- Quality fabric with good acoustic properties for ceilings, walls, and noise barriers
- Sound class D
- Fire classified B-s1, d0
- Requires no gloves, mask, or other protection during installation
- No VOC emissions
- Can be vacuumed and wiped with a damp cloth

FiberAcoustic®			200	200-M
	Standard	Unit	Value MD/CD	Value MD/CD
Weight	EN ISO 9864	g/m ²	200	200
Breaking strength	EN 29073-3	N/5 cm	60/400	100/500
Elongation at break	EN 29073-3	%	50/20	50/20
Thickness	EN ISO 9073-1	mm	3,5	2,0
Acoustic soundclass			D	D
Treatment				Calandered
Fiber blend			100% FR polyester	
Length / Width			Standard 100 metres / 600 and 1200 mm	
Colour			Black	
Flame retardancy			EN ISO 13501-1: B-s1, d0	

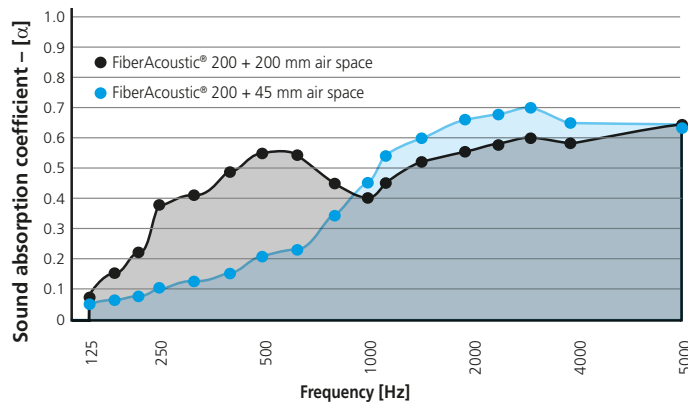
MD: Machine direction CD: Cross direction



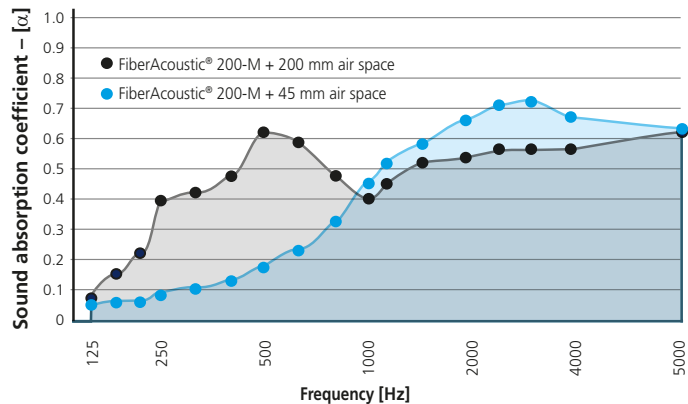


Sound Absorption

FiberAcoustic® 200



FiberAcoustic® 200-M



FiberAcoustic®

– Ideal for Diffuse Ventilation



Diffuse ventilation is a method where the ventilation system blows fresh air over a suspended ceiling, which then seeps down through the ceiling's open surfaces. The ceiling consists, for example, of a wood/aluminum frame mounted with FiberAcoustic® sound fabric. This process creates a slight overpressure, ensuring silent and draft-free airflow in the room.

A diffuse ventilation solution with FiberAcoustic® will significantly improve the air climate and, unlike traditional mechanical ventilation, offer several advantages, including:

- Efficient and quieter ventilation without draft issues
- Excellent room acoustics
- Aesthetic ceiling without visible air inlets
- Design freedom in regards to room geometry
- Lower investment and operating costs

Fibertex Nonwovens A/S
 Headquarter
 Svendborgvej 16, 9220 Aalborg, Denmark
 www.fibertex.com, fibertex@fibertex.com
 Tel. +45 96 35 35 35

