

# TECHNICAL DATASHEET

## Fibertex FiberAcoustic 75

Product description	
Colour	BLACK, WHITE, GREY
Fibre composition	FR-PET
Product treatment	Optional treatment: Adhesive on one side - melt temp. 70°C
Intended use	Acoustic

Product specification				
Characteristic	Test method	Unit	Nominal value	Tolerance
Mass per unit area	EN ISO 9073-1	g/m <sup>2</sup>	62	min. 55 / max. 65
Thickness @ 0,5 kPa	EN ISO 9073-2	mm	0.3	min. 0.1 / max. 0.3
Breaking strength MD	EN ISO 9073-3	N	25	min. 25
Breaking strength CD	EN ISO 9073-3	N	35	min. 25
Elongation @ break MD	EN ISO 9073-3	%	15	min. 10 / max. 30
Elongation @ break CD	EN ISO 9073-3	%	30	min. 25 / max. 60
Flame retardant	EN ISO 13501-1: B-s1, d0			
Above technical values are based on an average of running production.				
Fibertex reserves the right to change product data without notice.				

# TECHNICAL DATASHEET

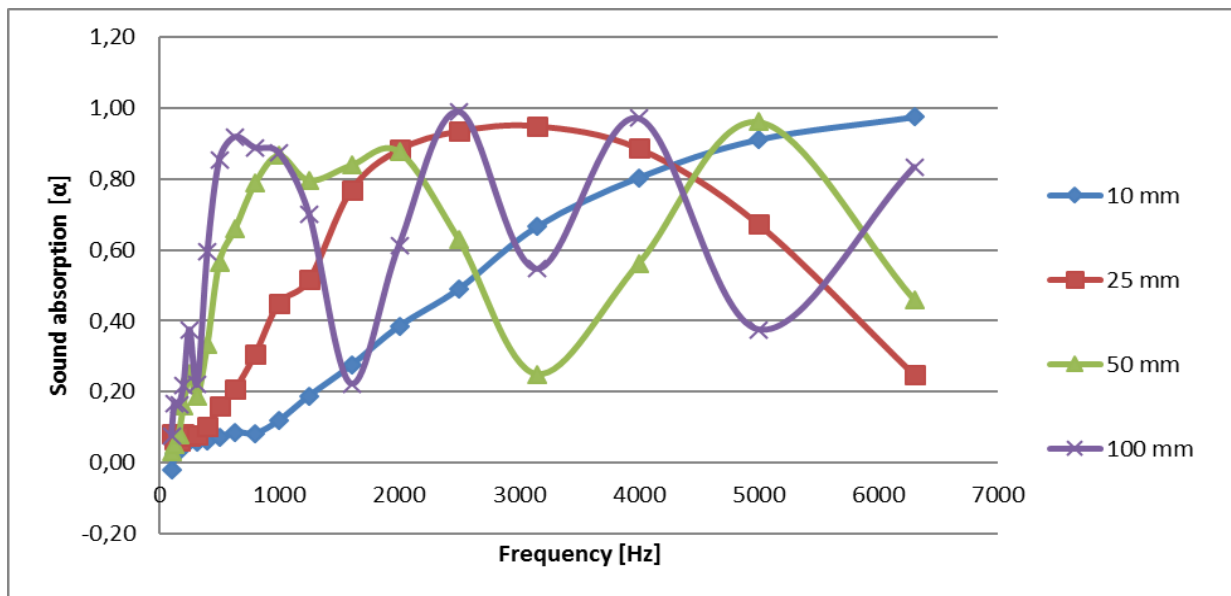
## Fibertex FiberAcoustic 75

### Material absorption coefficient

In accordance with EN/ISO 10534-2

Date	21. January 2013
Temperature / pressure	22°C / 101325Pa
Diameter of test specimen	60mm (100-2500Hz) & 30mm (800-4000Hz)
Description of test specimen and test setup	FiberAcoustic 75 with air gap

Frequency [Hz]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300
10 mm	-0,02	0,02	0,03	0,07	0,06	0,06	0,06	0,07	0,09	0,08	0,12	0,19	0,27	0,38	0,49	0,67	0,80	0,91	0,98
25 mm	0,08	0,07	0,06	0,08	0,08	0,08	0,10	0,16	0,21	0,31	0,45	0,52	0,77	0,88	0,94	0,95	0,89	0,67	0,25
50 mm	0,03	0,05	0,08	0,16	0,25	0,19	0,33	0,57	0,66	0,79	0,87	0,80	0,84	0,88	0,63	0,25	0,56	0,96	0,46
100 mm	0,08	0,17	0,16	0,22	0,38	0,22	0,59	0,86	0,92	0,89	0,87	0,70	0,22	0,61	0,99	0,55	0,97	0,38	0,83



### Material absorption coefficient

In accordance with EN/ISO 10534-2

Property	Value/note
At 45 mm cavity - 10,5 m <sup>2</sup>	weighed soundabsorption coefficient $\alpha_w$ 0,25 Class E (H)
At 200 mm cavity - 10,5 m <sup>2</sup>	weighed soundabsorption coefficient $\alpha_w$ 0,45 Class D (MH)

- Results according to test report no. P2 039.12 from Grontmij – Available in details at request.