



ACOUSTIFLEX® F FLEXIBLE NOISE BARRIER

Acoustiflex® F is an effective barrier to reduce airborne noise into and out of a lined space.

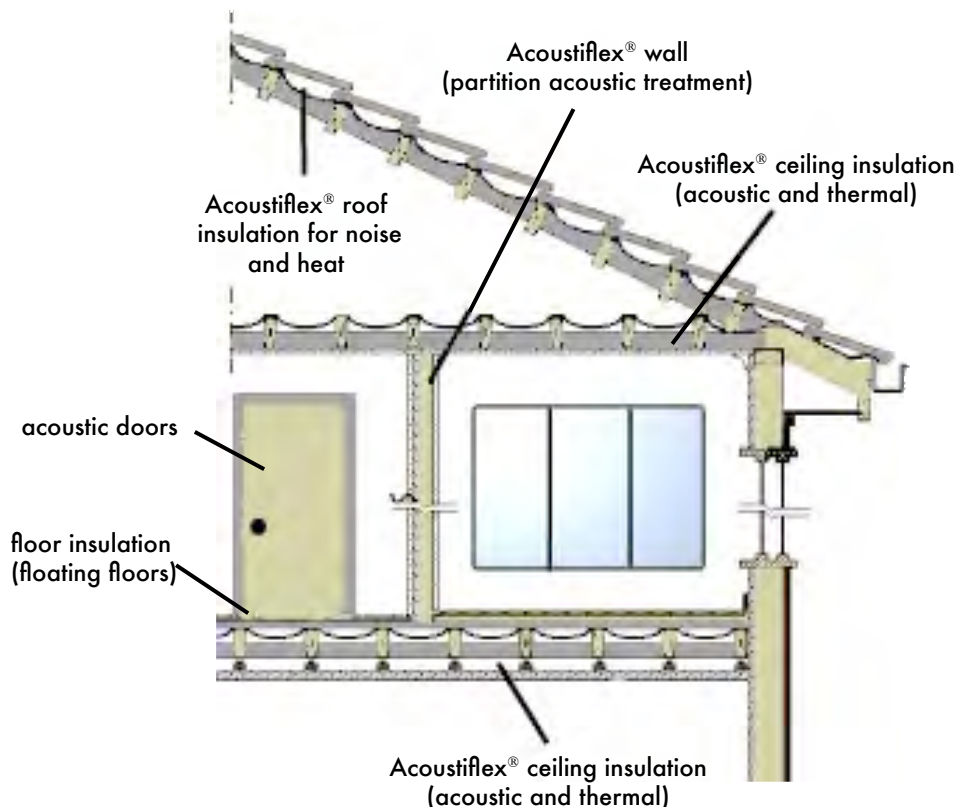
Highly effective against external noise from aircraft, motor vehicles, rail transportation, neighbouring properties and adjoining offices.

Contains internal noise within home theatres, entertainment areas, offices and office equipment. Industrial applications include a flexible noise barrier and absorber for machinery enclosures, noise screens and strip curtains in factories.

Muffles noise at construction sites when hung from an overhead structure or draped over temporary fencing.



APPLICATIONS FOR ACOUSTIFLEX® F



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MORE ABOUT ACOUSTIFLEX® F

Acoustiflex® F consists of a loaded resin supported with a thermally bonded polyester with a reinforced aluminium facing. The highly flexible limp mass material has extremely good low and high frequency sound attenuation. Available as standard in weights up to 10kg/m² with STC 30 and CAC50. Acoustiflex® F has a specific gravity of 2.

Acoustiflex® F is tear resistant, but can be cut with a knife and is easy to handle and fix. It can be nailed or adhered to wall studs and surfaces, floor and ceiling joists, incorporated in partitioning and doors, hung in false ceilings as a baffle and joined with aluminium tape.

In accordance with AS 1530.3, the flammability rating of Acoustiflex® F, is rated zero in all four indexes of ignitability, spread of flame, heat evolved and smoke developed.

Acoustiflex® F is unaffected by water and is highly resistant to oils and chemicals. It comes in rolls 1300 mm wide.



Frequency (Hz)	Random Incidence Transmission Loss Acoustiflex F			
	2.5kg	4kg	6kg	8kg
100	10	17.1	16.84	21.1
125	12	15.7	18.14	19.7
160	13	17.0	16.09	20.5
200	12	17.5	19.04	19.4
250	12	17.8	18.36	20.6
315	13	19.8	20.54	22.4
400	14	21.0	21.37	24.5
500	16	22.0	24.54	25.3
630	18	23.1	25.98	26.5
800	20	24.5	27.62	27.9
1000	22	26.5	28.83	30.0
1250	25	28.2	30.83	31.7
1600	26	29.9	32.30	33.5
2000	29	31.6	34.15	35.4
2500	30	33.4	36.18	36.5
3150	32	35.3	38.21	38.4
4000	34	37.0	40.81	40.0
5000	36	38.6	42.92	41.6
STC	21	27	29	30

Field Transmission Loss (dB) for Acoustiflex® F

