

FONOBAG

Panel that by itself breaks down up to 30 dB (theoretical calculation value) and 52 dB with masonry in blocks of light perforated brick of thickness 8cm (measurement on site).

FONOBAG is a fibreglass soundproofing panel with a polymeric viscoelastic membrane interposed for the reduction of airborne noise in cavity walls or false ceilings.

If you want to create a wall (or counter wall) in plasterboard (gips) the best result is achieved with a double slab per side.

If you want to further increase the acoustic result, you can use it as a visible plate or a high-density plate, or a plate coupled with a sheath.

(qui sarebbe utile inserire un disegno della parete finita: brick+ insulation panel + double plasterboard slab)

COMPARISON SHEET

	FONOBAG	STRATIFON 29	STRATIFON 40
Panel size (mm)	1000x600	1000x600	1000x600
Panel thickness (mm)	45	35	70
Weight (kg/sqm)	8.5	9	17
Panel weight (kg)	5.1	5.4	10.2
Declared thermal conductivity	0.036 W/(mK) glass wool	0.036 W/(mK) glass wool	0.036W/(mK) glass wool
Sound insulating power (panel only)	Rw 30 dB (calculation)	Rw 29 dB (laboratory test)	Rw 40 dB (laboratory test)
Sound-insulating power on the wall consisting of: 8 cm plastered partition + insulating panel + double plasterboard (gips) slab		Rw 59 dB (laboratory test)	Rw 61 dB (laboratory test)
Sound-insulating power on the wall consisting of: 12 cm plastered double UNI masonry + insulating panel + 8 cm plastered partition	up to R'w 52 dB (test on site)		
Vapour diffusion resistance (m)	Waterproof	Waterproof	Waterproof