

SILENCE1-604 | SILENCE1-1204

ACOUSTIC PANELS

600 x 600 x 40mm Absorbent

1200 x 600 x 40mm Absorbent



PRODUCT OVERVIEW

SILENCE is an acoustic panel made of open cell melamine resin flexible foam, with a high absorption performance in medium and high frequencies. Its acoustic properties ensure a significant reduction of the room reverberation time that reflects to a better acoustic comfort. SILENCE panels can be installed in a false ceiling or attached to the wall. This acoustic panels can be managed easily without tools and cleaned up whenever is needed. Improved quality in formaldehyde emissions.

KEY FEATURES

- High absorption on medium and high frequencies
- Lightweight
- Easy and quick installation
- Easy cut product
- Installation on wall and ceiling (Silence1-604A & Silence1-604B also suitable to install on dropped ceilings)

APPLICATIONS

- Restaurants
- Classrooms
- Meeting rooms
- Offices
- Public spaces

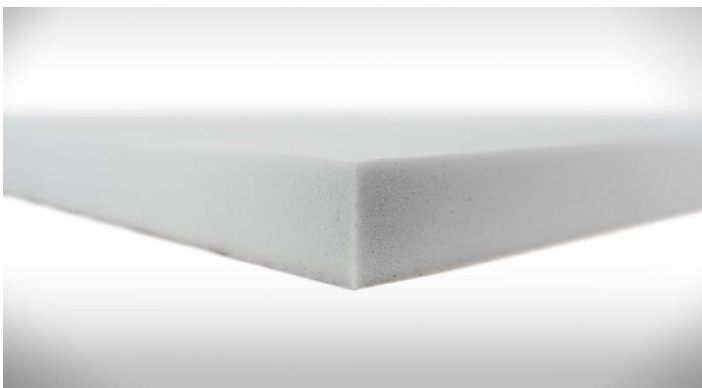
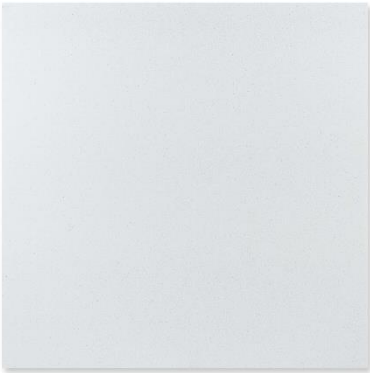
CERTIFICATIONS

- C-s2, d0 reaction to fire classification according to EN13501-1 (Europe)

PRODUCT OVERVIEW

Ecler ACOUSTICS Silence comes in 4 different variants:

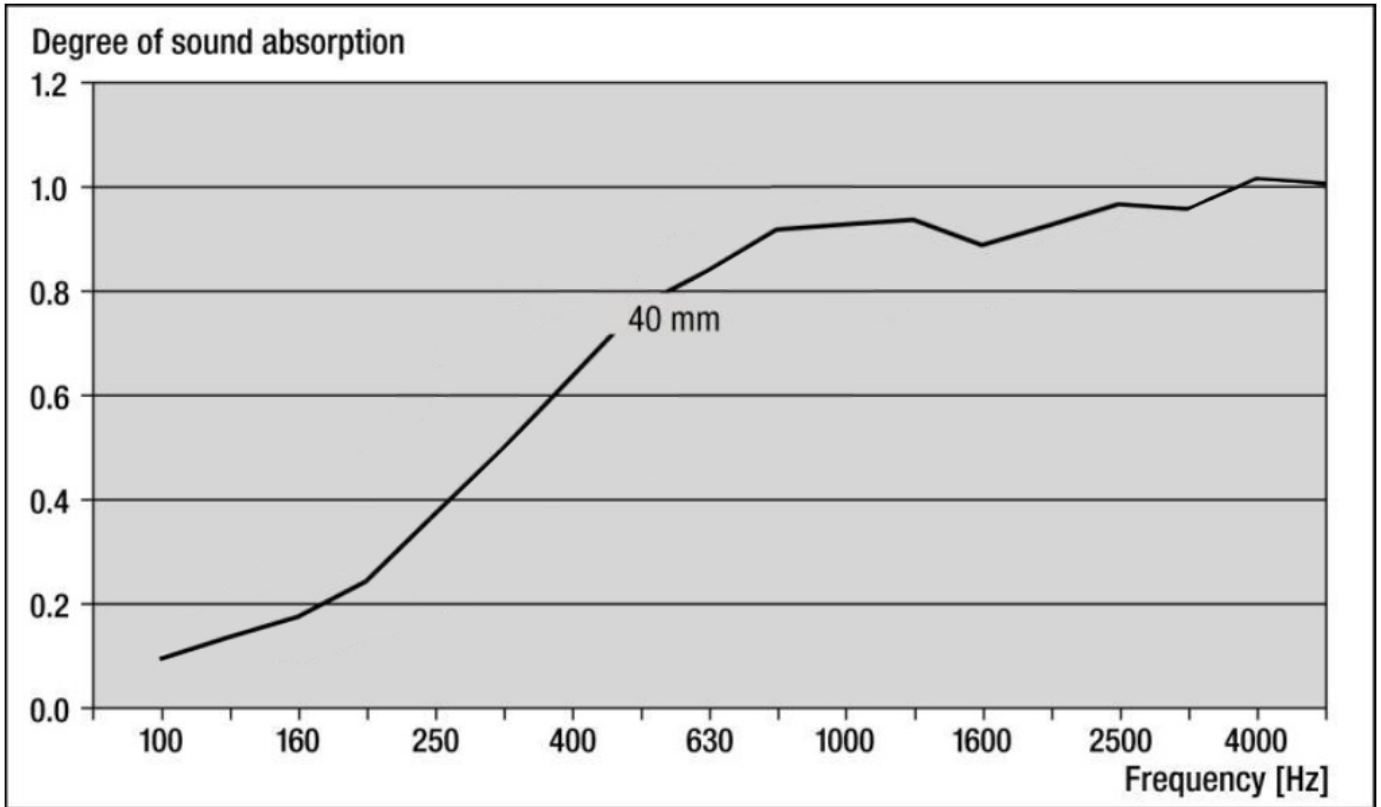
- Silence1-604A: 600x600x40mm without self-adhesive side
- Silence1-604B: 600x600x40mm with self-adhesive side
- Silence1-1204A: 1200x600x40mm without self-adhesive side
- Silence1-1204B: 1200x600x40mm with self-adhesive side



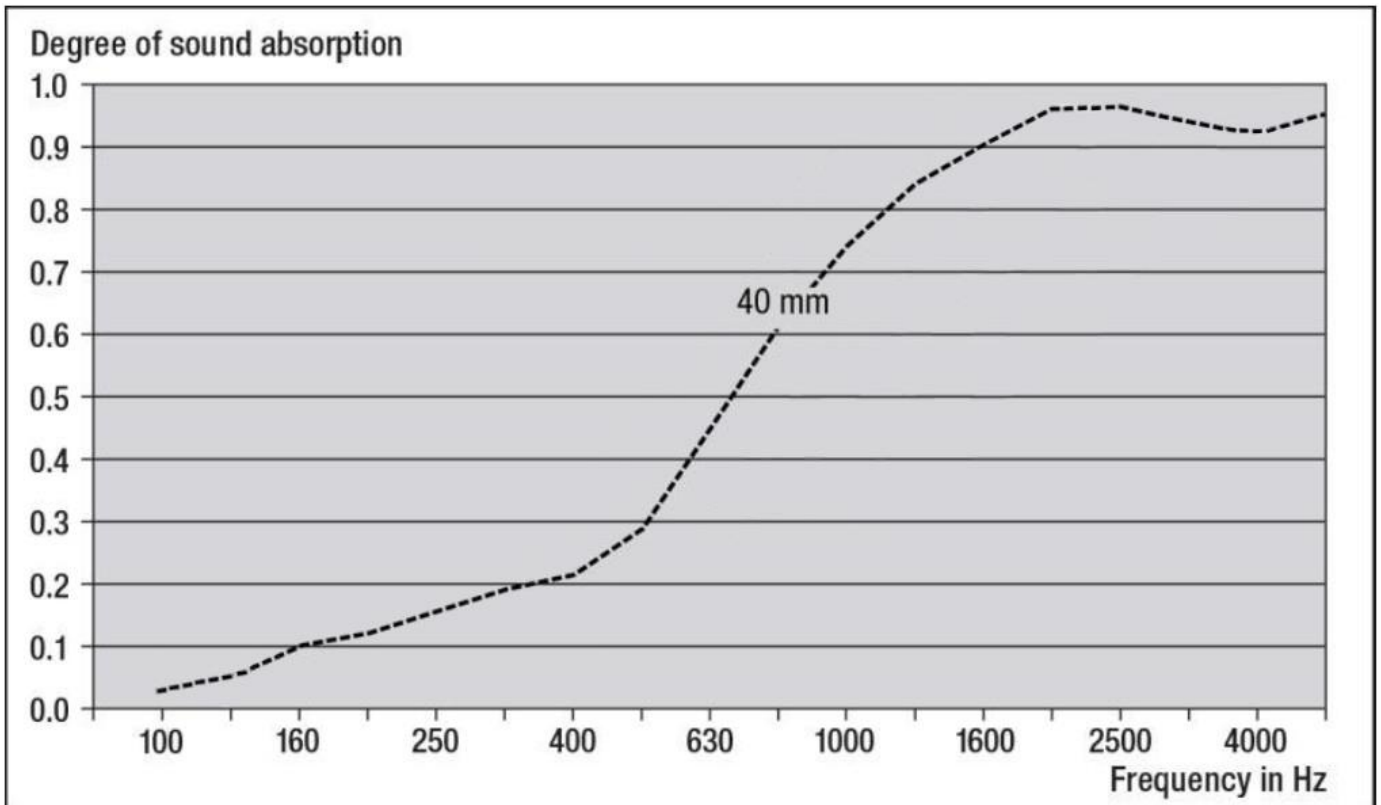
TECHNICAL SPECIFICATIONS

Absorption performance	Medium and high frequencies		
Material	Open cell melamine resin flexible foam		
Dimensions	Silence1-604A / B	600 x 600 x 40mm / 23,6" x 23,6" x 1,6"	
	Silence1-1204A / B	1200 x 600 x 40mm / 47,2" x 23,6" x 1,6"	
Weight	Silence1-604A	125g	
	Silence1-604B	200g	
	Silence1-1204A	250g	
	Silence1-1204B	400g	
Product finish	Light Grey		
Fixing system	Self-adhesive side	Only on Silence1-604B and Silence1-1204B models	
Units per box	Silence1-604A / B	24 units	
	Silence1-1204A / B	12 units	
Density	9 ± 1,5	Kg/m ³	EN ISO 845
Compressive strength 40%	> 9	KPa	EN ISO 3386-1
Tensile strength	> 120	KPa	ISO 1798
Elongation at break	> 20	%	ISO 1798
Thermal conductivity at 10 ° C	$\lambda \leq 0,035$	W/(m·K)	DIN EN 12667
Acoustic absorption			
Sample thickness = 50mm / 2000Hz	≥ 90	%	ISO 10534-2
Thermal resistance (defined in ISO 3386-1, change from initial value after 22h heat exposure: <50%)	240	°C	DIN EN ISO 2440
VOC emissions	A Class	-----	ISO 16000
Fire behaviour			
Europe – Building	Cs2d0	-----	EN 13501-1
Germany	B1	-----	DIN 4102-1
	S4, ST2, SR2, FED ≤ 1	-----	DIN 5510-2
France - Construction	M1 (Thickness 13 - 50mm)	-----	NF P 92-507
	F4 (Thickness 19mm)	-----	NF F 16-101
USA	V0 / HF-1	-----	UL 94
	0mm/min.	-----	FMVSS 302

Sound absorption DIN EN ISO 354 (reverberation chamber) (40mm)



Sound Absorption DIN EN ISO 354 (reverberation room) (40mm)





All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 | information@ecler.com | www.ecler.com