

ROOM ACOUSTICS WITH ISOLENA.

When walking, the footsteps echo. When talking on the phone, an echo of the voice can be heard. In an open-plan office, there is often a lack of peace and privacy to work. **ISOLENA** offers the perfect solution for such situations. With its thermal and sound insulation products even the loudest voice in the next room will be silent.



SCAN QR CODE FOR THE **ACOUSTIK CALCULATOR!**

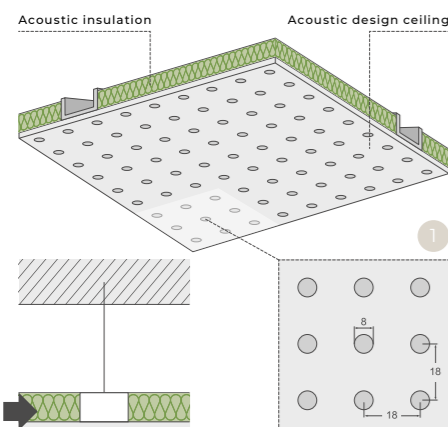


TESTED CONSTRUCTION

Measurement of sound absorption in reverberation rooms according to DIN EN ISO 354

No.	Board	Acoustic lining	Acoustic fleece	Assessed sound absorption level*	Sound absorber class
Vogl Deckensysteme					
1	Acoustic design panel 8/18R Thickness 12,5 mm	OPP22 Thickness 30 mm	AV2010	$\alpha_w = 0,75$	C
2	Acoustic design panel 12/25Q Thickness 12,5 mm	OPP22 Thickness 30 mm	AV2010	$\alpha_w = 0,80$	B
Heradesign®					
3	Heradesign® Superfine 25 mm	OPP22 Thickness 30 mm	----	$\alpha_w = 0,75$ (LH)	C
4	Heradesign® Superfine 25 mm	OPP22 Thickness 60 mm	----	$\alpha_w = 0,80$ (LH)	B
5	Heradesign® Superfine 25 mm	OPN50 Thickness 25 mm	----	$\alpha_w = 0,80$ (L)	B

*According to ÖNORM EN ISO 11654.



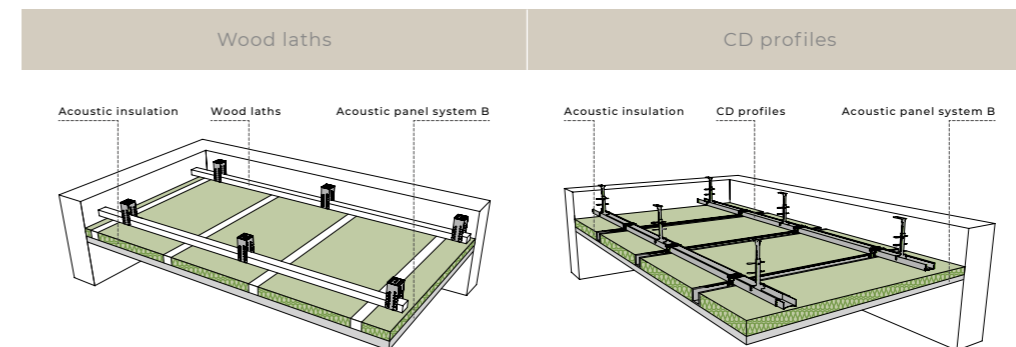
1 Hole pattern 8/18R

Perforated ceiling panel according*
Plate Thickness: 12,5 mm
Area based size: 8,50 kg/m²
Perforated area percentage: 15,5 %

2 Hole pattern 12/25Q

Perforated ceiling panel according*
Plate Thickness: 12,5 mm
Area based size: 7,70 kg/m²
Perforated area percentage: 23,0 %

*To Din EN 14190



3 4 5 Acoustic panel

1-ply magnesite bonded wood wool acoustic panel (fibre width app. 1 mm) in combination with ISOLENA Optimal Plus.

