



Acustica

Acoustic fabric inlay


The acoustic fabric inlay Acustica is installed on the rear side of perforated ceiling panels and considerably improves the sound absorption. Acustica is available in different thicknesses and thus, it is suitable for diverse requirements. The inlay is completely made of polyester and up to 70% of recycled fibres and has a density of 20 kg/m³ (± 10 %). It is completely free of mineral fibre and open to diffusion. Consequently, it is a sustainable solution to improve room acoustics.

- acoustic inlay to improve room acoustics
- free of mineral fibre, open to diffusion and suitable for people suffering from allergies
- tested for harmful substances according to Oeko-Tex® standard 100
- difficult to ignite
- toxicologically harmless




Technical data

Acustica B20

Thickness		20 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 14 kPa s/m ²	
Resistance		UV, humidity	

Acustica B30

Thickness		30 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 14 kPa s/m ²	
Resistance		UV, humidity	



Acustica CA

Thickness		20 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 14 kPa s/m ²	
Resistance		UV, humidity	

Acoustics

Room acoustics

Room acoustics	Very high sound absorption values up to sound absorber class A can be achieved depending on the chosen perforation and acoustic inlay.
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Fire protection

Building material class

Building material class Acustica B20	DIN EN 13501-1	B - s2, d0
Building material class Acustica B30	DIN EN 13501-1	B - s2, d0
Building material class Acustica CA	ASTM E 84	Class A

Combinable with

Metal ceilings	LMD-B 100 LMD-B 110 LMD-DS 315 LMD-DS 320 LMD-E 200 LMD-E 210 LMD-E 213 LMD-E 213 BWS LMD-E 214	LMD-E 300 LMD-E 312 LMD-E 321 LMD-E 340 LMD-K 420 LMD-L 601 LMD-L 607 LMD-L 608	LMD-L 609 LMD-L LAOLA LMD-E 321 LMD-St 213 BWS LMD-St 214 LMD-St 215 LMD-St 312 LMD-St 700 BWS
Heated/Chilled ceilings	Plafotherm® B 100 Plafotherm® B 110 Plafotherm® DS 315 Plafotherm® DS 320 Plafotherm® DS Tabs 78 Plafotherm® DS Tabs 125	Plafotherm® DS TAS Plafotherm® E 200 Plafotherm® E 210 Plafotherm® E 213 Plafotherm® E 214 Plafotherm® E 312	Plafotherm® GK HEKDA® Plafotherm® L 608 Plafotherm® L 609 Plafotherm® St 213