



## 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 has a density of 20 kg/m<sup>3</sup> (± 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
- toxicologically harmless



#### Technical data

##### Acustica B20

Thickness		20 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 12 kPa s/m <sup>2</sup>	
Resistance		UV, humidity	

##### Acustica B30


Thickness		30 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 12 kPa s/m <sup>2</sup>	
Resistance		UV, humidity	

##### Acustica CA20

Thickness		20 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 12 kPa s/m <sup>2</sup>	
Resistance		UV, humidity	



## Acustica CA30

Thickness		30 mm	
Colour		black	
Material		polyester	
Bonding		thermal	
Flow resistance	DIN EN 29053	≥ 12 kPa s/m <sup>2</sup>	
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 CA20	ASTM E 84	Class A
Building material class   Acustica CA30	ASTM E 84	Class A (IBC)

## Combinable with

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