



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 $20 \text{ kg/m}^3 (\pm 10 \%)$. 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 for diffusion and suitable for people suffering from allergies
- tested for harmful substances according to Oeko-Tex® standard 100
- toxicologically harmless



Variants

Acustica B20

- Thickness: 20 mm
- Colour: black
- Material: polyester
- Bonding: thermal
- Flow resistance acc. to DIN EN 29053: $\geq 12 \text{ kPa s/m}^2$
- Resistance: UV, humidity

Acustica B30

- Thickness: 30 mm
- Colour: black
- Material: polyester
- Bonding: thermal
- Flow resistance acc. to DIN EN 29053: $\geq 12 \text{ kPa s/m}^2$
- Resistance: UV, humidity

Acustica CA20

- Thickness: 20 mm
- Colour: black
- Material: polyester
- Bonding: thermal
- Flow resistance acc. to DIN EN 29053: $\geq 12 \text{ kPa s/m}^2$
- Resistance: UV, humidity

Acustica CA30

- Thickness: 30 mm
- Colour: black
- Material: polyester
- Bonding: thermal
- Flow resistance acc. to DIN EN 29053: $\geq 12 \text{ kPa s/m}^2$
- Resistance: UV, humidity



Acoustics

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

Fire protection

Acustica B20

- Building material class acc. to DIN EN 13501-1: B - s2, d0

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- Building material class acc. to DIN EN 13501-1: B - s2, d0

Acustica CA20

- Building material class acc. to ASTM E 84: Class A

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- Building material class acc. to ASTM E 84: Class A (IBC)

Sustainability

Evidence

Green Level Certificate

High



Circularity: All components can be reused/refurbished

Combinable Systems

Combinable Systems

Ceilings

LMD-B 100 - Linear Post Cap Ceiling
 LMD-B 110 - Post Cap Ceiling with Cross Noggins
 LMD-DS 315 - Metal Canopy Ceiling without Frame
 LMD-DS 320 - Metal Canopy Ceiling in Filigree Optics
 LMD-E 200 - Hook-On Ceiling
 LMD-E 210 - Hook-On Ceiling with Butt Joints
 LMD-E 213 - Hook-On Ceiling with Accentuated Joints
 LMD-E 213 BWS - Hook-On Ceiling, Ball-Impact Resistant
 LMD-E 214 - Hook-On Ceiling with Open Joints
 LMD-E 300 - Lay-In Corridor Ceiling
 LMD-E 312 - Hook-On-Swing-Down-Slide Corridor Ceiling
 LMD-E 321 - Swing-Down-Slide Corridor Ceiling
 LMD-E 340 - Drop-Slide Corridor Ceiling
 LMD-K 420 - Clip-In/Swing-Down Cassette Ceiling
 LMD-L 601 - Metal Baffle Ceiling, Suspended, one-piece
 LMD-L 607 - Metal Baffle Ceiling, directly fastened
 LMD-L 608 - Metal Baffle Ceiling, Hook-On/Slide baffle, two-piece
 LMD-L 609 - Metal Baffle Ceiling, Hook-On/Slide baffle, one-piece
 LMD-L LAOLA - Metal Baffle Ceiling in Wavelike Design
 LMD-St 213 - Hook-On Expanded Metal Ceiling with Accentuated Joints
 LMD-St 213 BWS - Hook-On Expanded Metal Ceiling, Ball-Impact Resistant
 LMD-St 214 - Hook-On Expanded Metal Ceiling with Open Joints
 LMD-St 215 - Hook-On Expanded Metal Ceiling with Open Joints, Frameless
 LMD-St 312 - Hook-On Expanded Metal Ceiling, Free-Spanning



LMD-St 320 - Hook-On Expanded Metal Canopy Ceiling
 LMD-St 700 BWS - Expanded Metal Ceiling directly fixed,
 Ball-Impact Resistant
 Plafotherm® B 100 - Linear Heated and Chilled Post Cap
 Ceiling
 Plafotherm® B 110 - Heated and Chilled Post Cap Ceiling with
 Cross Noggins
 Plafotherm® DS 315 - Heated and Chilled Canopy Ceiling
 without Frame
 Plafotherm® DS 320 - Heated and Chilled Canopy Ceiling in
 Filigree Optics
 Plafotherm® DS Tabs 78 - Metal Canopy Ceiling for Concrete
 Core Activation
 Plafotherm® DS Tabs 125 - Metal Canopy Ceiling for Concrete
 Core Activation
 Plafotherm® DS TAS - Hybrid Heated and Chilled Canopy
 Ceiling
 Plafotherm® E 200 - Heated and Chilled Hook-On Ceiling
 Plafotherm® E 210 - Heated and Chilled Hook-On Ceiling with
 Butt Joints
 Plafotherm® E 213 - Heated and Chilled Hook-On Ceiling with
 Accentuated Joints
 Plafotherm® E 214 - Heated and Chilled Hook-On Ceiling with
 Open Joints
 Plafotherm® E 312 - Heated and Chilled Hook-On-Swing-
 Down-Slide Corridor Ceiling
 Plafotherm® GK HEKDA® - Heated and Chilled Plasterboard
 Ceiling
 Plafotherm® L 608 - Heated and Chilled Metal Baffle Ceiling,
 Hook-On/Slide baffle, two-piece
 Plafotherm® L 609 - Heated and Chilled Metal Baffle Ceiling,
 Hook-On/Slide baffle, one-piece
 Plafotherm® St 213 - Heated and Chilled Expanded Metal
 Ceiling with Accentuated Joints