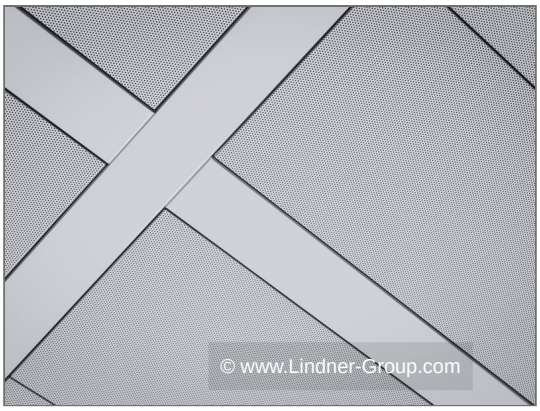
BASICline

Standard Perforations

The standard perforations BASICline are common perforations that are constantly available. The round holes can be arranged in straight pitch or in diagonal pitch (45° or 60°). Perforated metal ceilings are acoustically effective when combined with sound-absorbing inlays on the rear side.

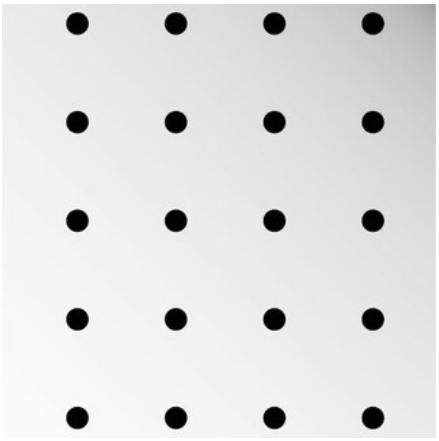
- round holes arranged in straight pitch or in diagonal pitch (45° or 60°)
- acoustically effective in combination with sound absorbing inlays



Variants

Rg 2,5 - 4

- hole: Ø 2.5 mm straight pitch
- open area: 4 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,400 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,400 mm



Rd 2,5 - 8

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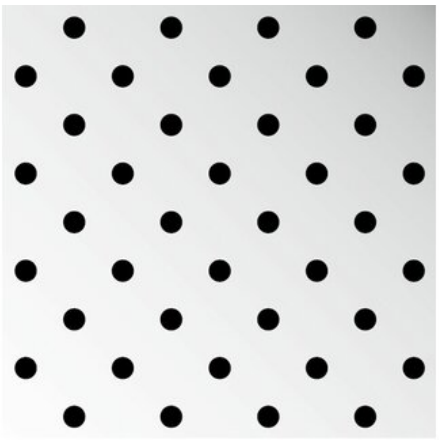
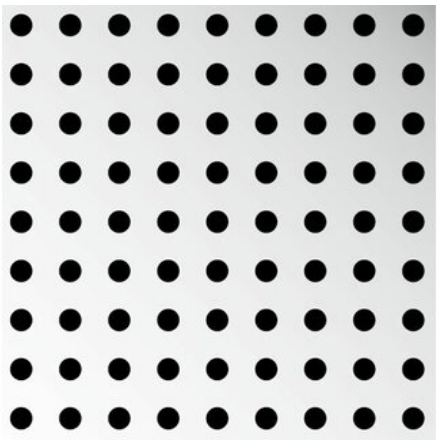
- hole: Ø 2.5 mm diagonal pitch
- open area: 8 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,400 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,400 mm



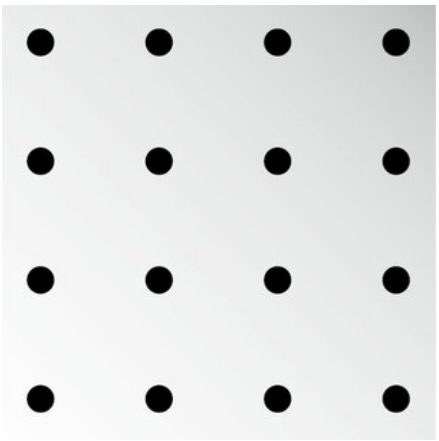
Rg 2,5 - 16

- hole: Ø 2.5 mm straight pitch
- open area: 16 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,400 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,400 mm
- material: aluminium l thickness: 0.8 mm l width of perforation: 790 mm



Rg 3,0 - 4

- hole: Ø 3.0 mm straight pitch
- open area: 4 %
- material: steel l thickness: 0.6 mm l width of perforation: 1.540 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1.540 mm



Rv 3,0 - 5

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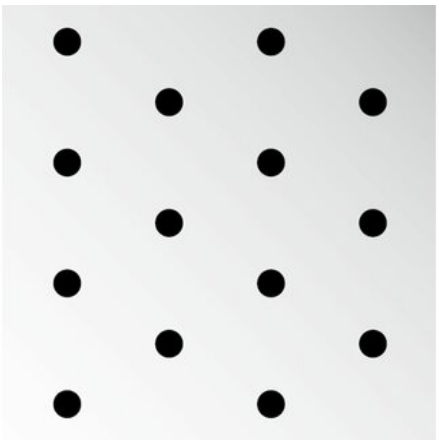
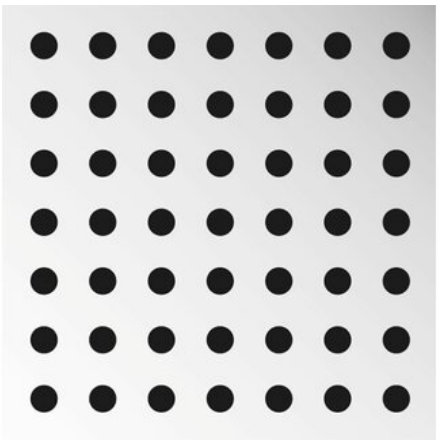
- hole: Ø 3.0 mm diagonal pitch
- open area: 5 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,500 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,500 mm



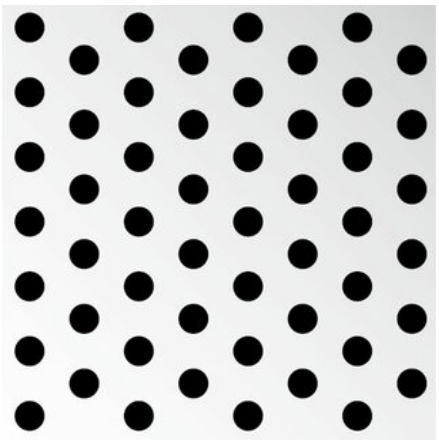
Rg 3,0 - 17

- hole: Ø 3.0 mm straight pitch
- open area: 17 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,540 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,540 mm
- material: aluminium l thickness: 0.7 mm l width of perforation: 650 mm



Rv 3,0 - 20

- hole: Ø 3.0 mm diagonal pitch
- open area: 20 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,500 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,500 mm



Rg 7,0 - 27

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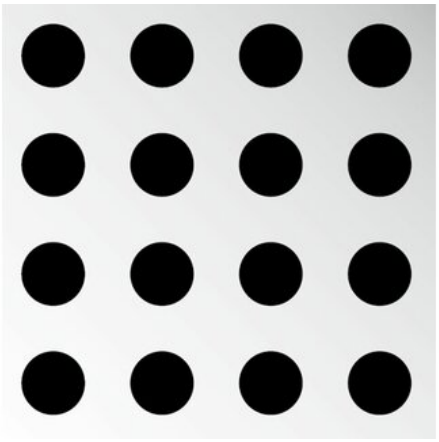
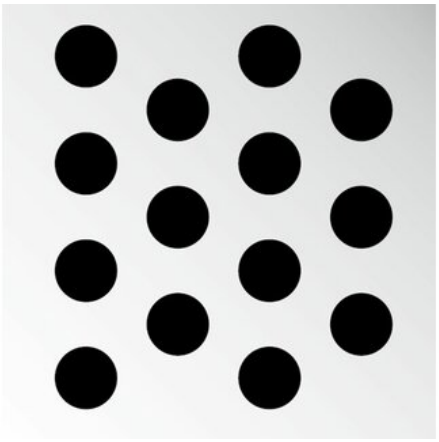
- hole: Ø 7.0 mm straight pitch
- open area: 27 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,300 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,300 mm



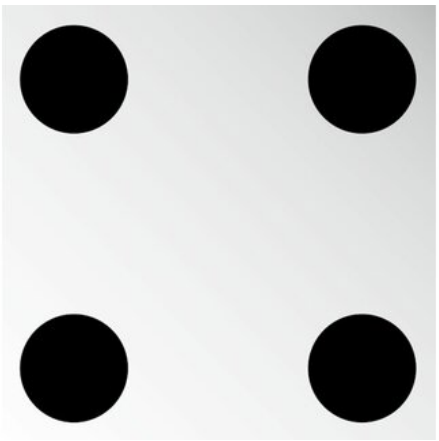
Rv 7,0 - 30

- hole: Ø 7.0 mm diagonal pitch
- open area: 30 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,300 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,300 mm



Rg 12,0 - 11

- hole: Ø 12.0 mm straight pitch
- open area: 11 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,290 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,290 mm



Rd 12,0 - 22

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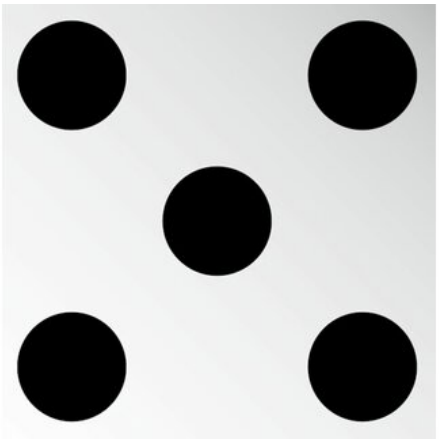
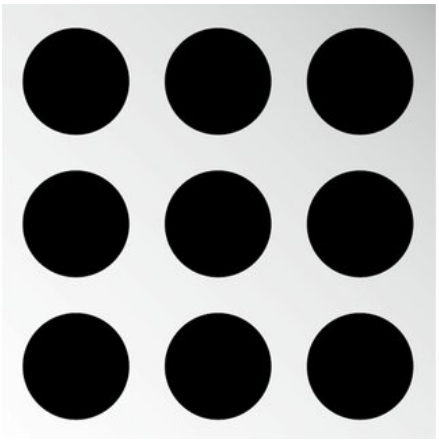
- hole: Ø 12.0 mm diagonal pitch
- open area: 22 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,290 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,290 mm



Rg 12,0 - 44

- hole: Ø 12.0 mm straight pitch
- open area: 44 %
- material: steel l thickness: 0.6 mm l width of perforation: 1,290 mm
- material: steel l thickness: 0.7 mm l width of perforation: 1,290 mm



Technical details

Types of perforation patterns
- Rg: Round holes arranged in straight pitch
- Rd: Round holes arranged in diagonal pitch (45°)
- Rv: Round holes arranged in diagonal pitch (60°)

Example
Rg 2,5 - 16
- Rg: Round holes arranged in straight pitch
- 2,5: Hole diameter 2.5 mm
- 16: Open area 16 %

Acoustics

Equipped with acoustic inlays, perforated surfaces achieve very high sound absorption values

Fire protection

Building material class

Building material class	EN 13501-1	A2 - s1,d0
Building material class	ASTM E 84	class A

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Durability

Durability		
Exposure class	EN 13964	A

Sustainability

Declarations	
EPD (Environmental Product Declaration)	The product has a verified EPD in compliance with the applicable standards. (ISO 14025/EN 15804)
Circular Economy	Cradle to Cradle Certified® Gold

Combinable Systems

Combinable Systems	
Ceilings	LMD-B 100 - Linear Post Cap Ceiling LMD-B 100 SD - Linear Post Cap Ceiling, Longitudinally Sound-Reduced LMD-B 110 - Post Cap Ceiling with Cross Noggins LMD-B 147 SD - Post Cap Ceiling Concealed, Longitudinally Sound-Reduced 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 F30 Swing-Down-Slide - LMD Fire Rated Metal Ceiling acc. to DIN 4102-2 F30 Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling acc. to DIN 4102-2 F30 Drop-Slide - LMD Fire Rated Metal Ceiling acc. to DIN 4102-2 F90 Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling acc. to DIN 4102-2 EI30 Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling classified acc. to DIN EN 13501-2 EI90 Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling classified acc. to DIN EN 13501-2 EI30-VKF Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling application acc. to VKF EI90-VKF Hook-On-Swing-Down-Slide - LMD Fire Rated Metal Ceiling application acc. to VKF Plafotherm® B 100 - Linear Heated and Chilled Post Cap Ceiling Plafotherm® B 100 SD - Linear Heated and Chilled Post Cap Ceiling, Longitudinally Sound-Reduced Plafotherm® B 110 - Heated and Chilled Post Cap Ceiling with Cross Noggins

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Plafotherm® B 147 SD - Heated and Chilled Post Cap Ceiling Concealed, Longitudinally Sound-Reduced
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® 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® 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® DS TAS - Hybrid Heated and Chilled Canopy Ceiling
Plafotherm® B/E AirHybrid - Hybrid Ventilation Element in Metal Ceiling
Plafotherm® DS AirHybrid - Hybrid Ventilation Element in Canopy Ceiling

Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.

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