



REGULARline

Further Perforations

A wide selection of further REGULARline perforations is available - you can choose between different round holes, square holes and slotted holes. Perforated metal ceilings are acoustically effective when combined with sound-absorbing inlays on the rear side.

- wide selection of perforations with round holes, square holes and slotted holes
- acoustically effective in combination with sound absorbing inlays



Variants

Rd 0,7 - 0,5

- hole: Ø 0.7 mm diagonal pitch
- open area: 0.5 %
- material: steel | thickness: 0.6 mm | width of perforation: 860 mm
- max. panel width: 625 mm



Rg 0,7 - 1

- hole: Ø 0.7 mm straight pitch
- open area: 1 % (perforated over the edges)
- material: steel | thickness: 0.6 mm | width of perforation: 1,340 mm
- material: aluminium | thickness: 0.6 mm | width of perforation: 860 mm
- material: aluminium | thickness: 0.8 mm | width of perforation: 1,340 mm
- max. panel width: 625 mm





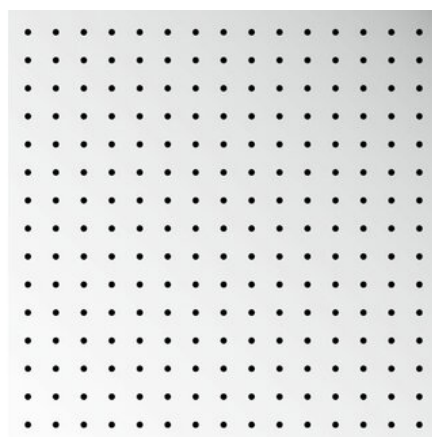
Rd 0,7 - 2

- hole: Ø 0.7 mm diagonal pitch
- open area: 2 % (perforated over the edges)
- material: steel | thickness: 0.6 mm | width of perforation: 1,340 mm
- material: aluminium | thickness: 0.6 mm | width of perforation: 860 mm
- material: aluminium | thickness: 0.8 mm | width of perforation: 1,340 mm
- max. panel width: 625 mm



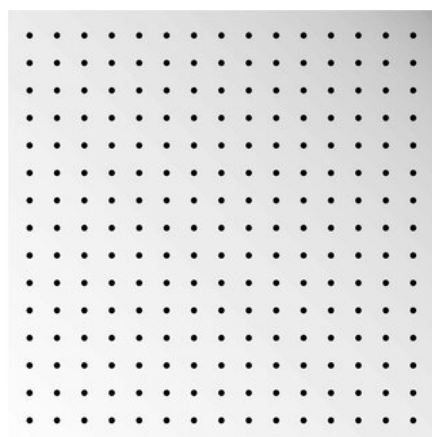
Rg 0,7 - 4

- hole: Ø 0.7 mm straight pitch
- open area: 4 % (perforated over the edges)
- material: steel | thickness: 0.6 mm | width of perforation: 1,535 mm
- max. panel width: 625 mm



Rg 0,8 - 5

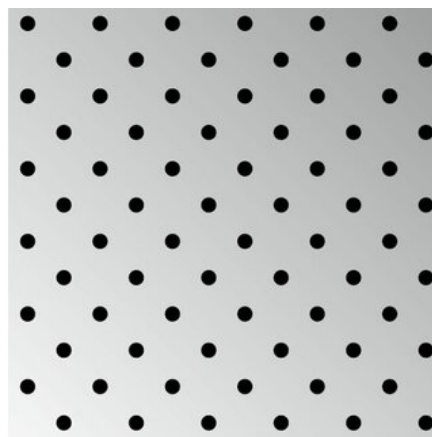
- hole: Ø 0.8 mm straight pitch
- open area: 5 %
- material: steel | thickness: 0.7 mm | width of perforation: 1,630 mm



Rd 1,6 - 6

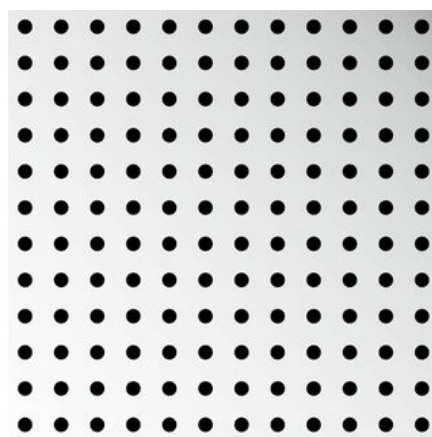


- hole: Ø 1.6 mm diagonal pitch
- open area: 6 %
- material: steel I thickness: 0.6 mm I width of perforation: 860 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,630 mm



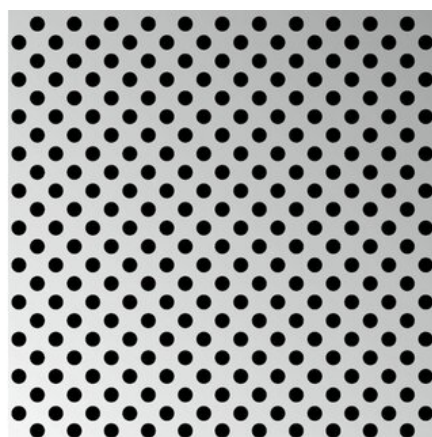
Rg 1,6 - 13

- hole: Ø 1.6 mm straight pitch
- open area: 13 %
- material: steel I thickness: 0.6 mm I width of perforation: 860 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,600 mm



Rd 1,6 - 25

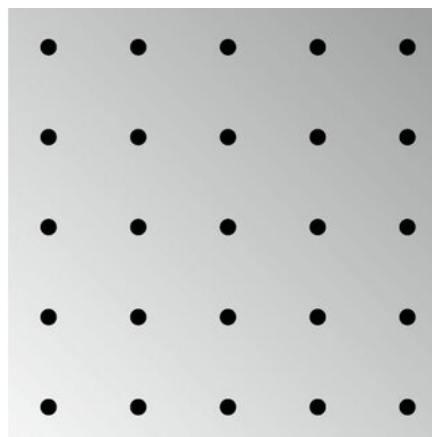
- hole: Ø 1.6 mm diagonal pitch
- open area: 25 %
- material: steel I thickness: 0.6 mm I width of perforation: 860 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,600 mm



Rg 1,8 - 3

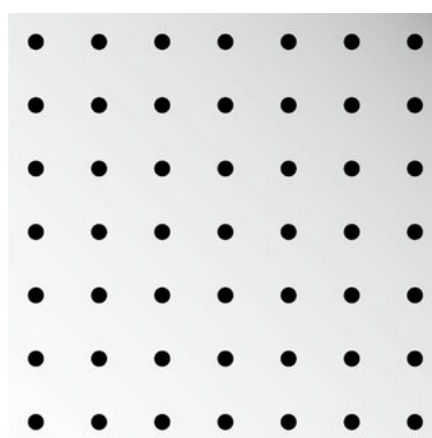


- hole: Ø 1.8 mm straight pitch
- open area: 3 %
- material: steel I thickness: 0.7 mm I width of perforation: 1,310 mm



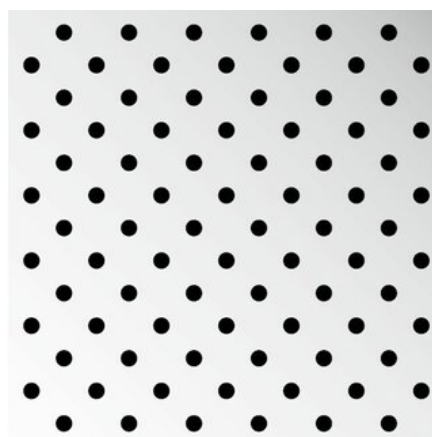
Rg 1,8 - 5

- hole: Ø 1.8 mm straight pitch
- open area: 5 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,280 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,280 mm



Rd 1,8 - 10

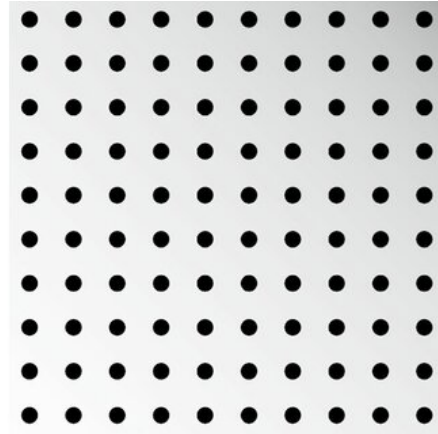
- hole: Ø 1.8 mm diagonal pitch
- open area: 10 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,280 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,280 mm



Rg 1,8 - 11

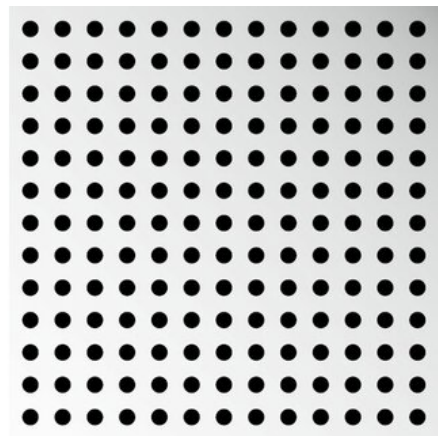


- hole: Ø 1.8 mm straight pitch
- open area: 11 %
- material: steel | thickness: 0.7 mm | width of perforation: 1,310 mm



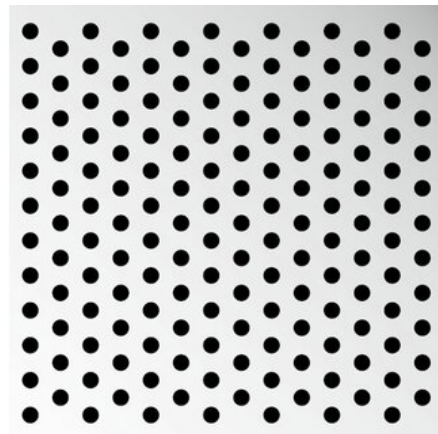
Rg 1,8 - 19

- hole: Ø 1.8 mm straight pitch
- open area: 19 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,280 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,280 mm
- material: aluminium | thickness: 1.25 mm | width of perforation: 1,615 mm



Rv 1,8 - 20

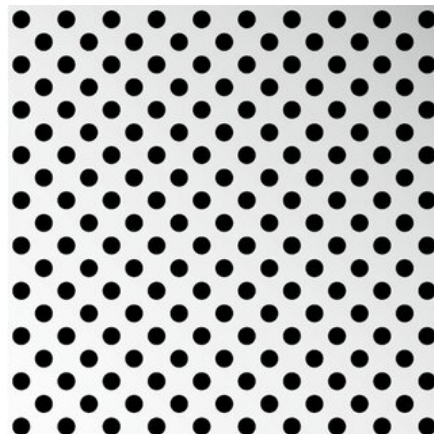
- hole: Ø 1.8 mm diagonal pitch
- open area: 20 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,550 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,550 mm
- material: aluminium | thickness: 0.6 mm | width of perforation: 880 mm
- material: aluminium | thickness: 0.7 mm | width of perforation: 880 mm
- material: aluminium | thickness: 0.8 mm | width of perforation: 880 mm



Rd 1,8 - 21

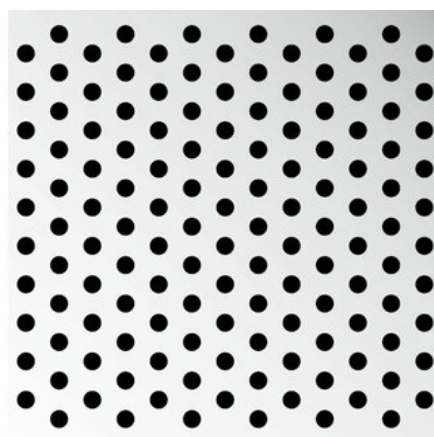


- hole: Ø 1.8 mm diagonal pitch
- open area: 21 %
- material: steel | thickness: 0.7 mm | width of perforation: 1,310 mm



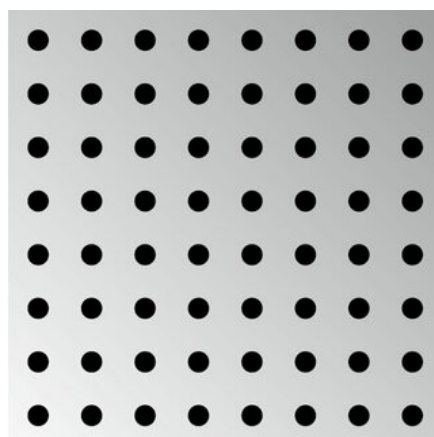
Rv 2,0 - 20

- hole: Ø 2.0 mm diagonal pitch
- open area: 20 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,250 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,250 mm
- material: aluminium | thickness: 0.8 mm | width of perforation: 1,000 mm



Rg 2,3 - 11

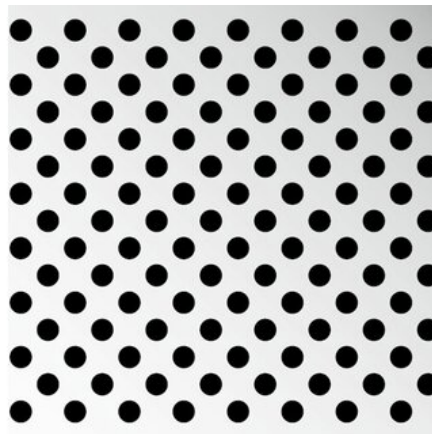
- hole: Ø 2.3 mm straight pitch
- open area: 11 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,250 mm



Rd 2,3 - 23

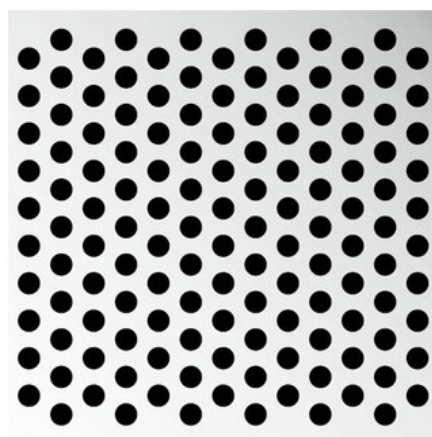


- hole: Ø 2.3 mm diagonal pitch
- open area: 23 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,250 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,250 mm



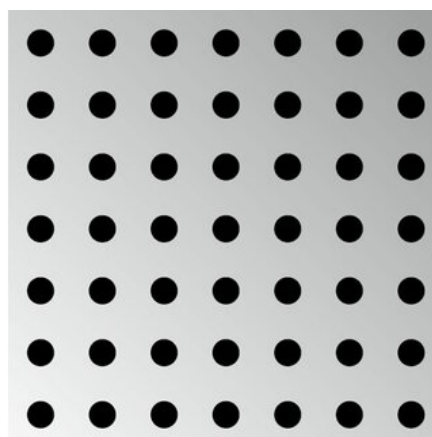
Rv 2,5 - 32

- hole: Ø 2.5 mm diagonal pitch
- open area: 32 %
- material: steel I thickness: 0.6 mm I width of perforation: 790 mm



Rg 3,0 - 15

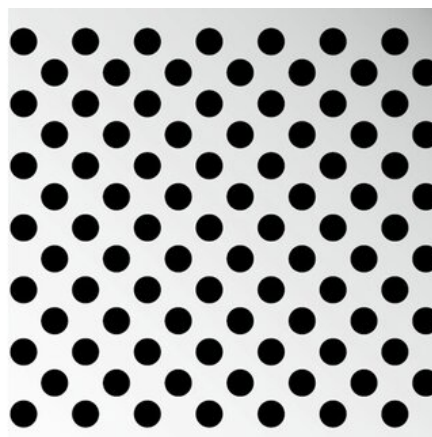
- hole: Ø 3.0 mm straight pitch
- open area: 15 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,250 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,250 mm



Rd 3,0 - 30

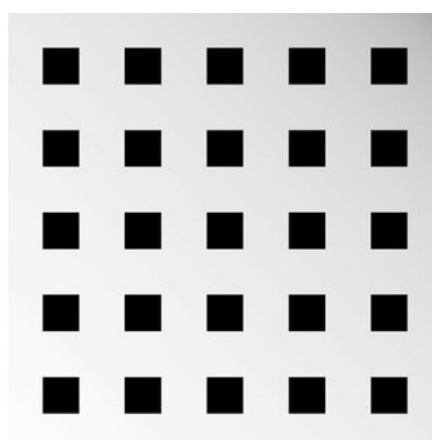


- hole: Ø 3.0 mm diagonal pitch
- open area: 30 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,250 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,250 mm
- material: aluminium | thickness: 2.0 mm | width of perforation: 1,520 mm



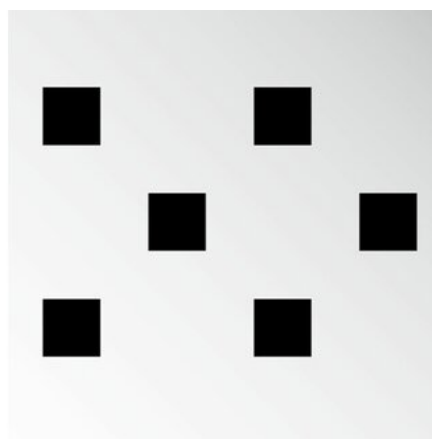
Qg 4,0 - 20

- square hole: 4.0 mm straight pitch
- open area: 20 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,600 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,600 mm



Qd 6,0 - 15

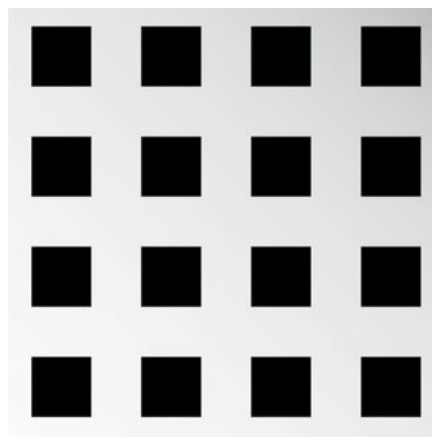
- square hole: 6.0 mm diagonal pitch
- open area: 15 %
- material: steel | thickness: 0.6 mm | width of perforation: 1,600 mm
- material: steel | thickness: 0.7 mm | width of perforation: 1,600 mm



Qg 6,0 - 30

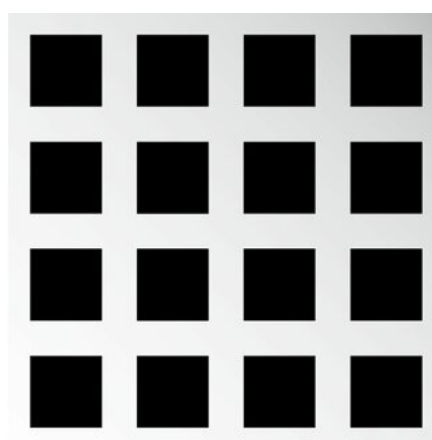


- square hole: 6.0 mm straight pitch
- open area: 30 %
- material: steel I thickness: 0.6 mm I width of perforation: 1,600 mm
- material: steel I thickness: 0.7 mm I width of perforation: 1,600 mm



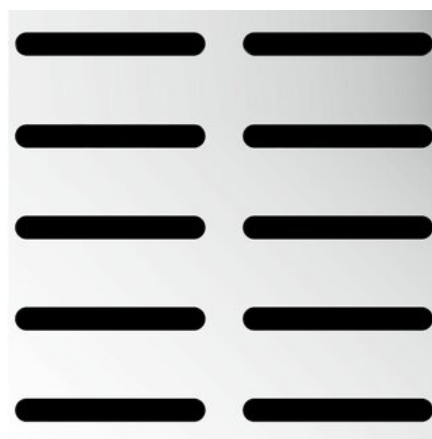
Qg 8,0 - 44

- square hole: 8.0 mm straight pitch
- open area: 44 %
- material: steel I thickness: 0.6 mm I width of perforation: 650 mm
- material: steel I thickness: 0.7 mm I width of perforation: 650 mm



Lg 25x3

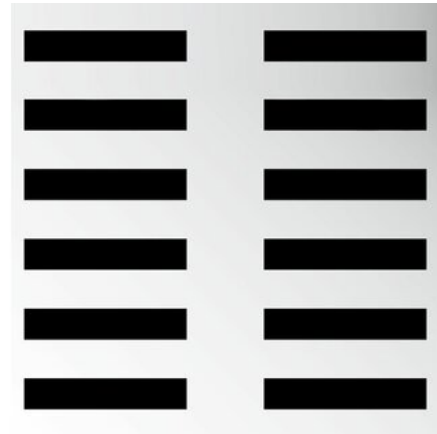
- slotted round hole: 25.0 mm x 3.0 mm straight pitch
- open area: 20 %
- material: steel I thickness: 0.6 mm I width of perforation: 636 mm



Lge 21x4



- slotted square hole: 21.0 mm x 4.0 mm straight pitch
- open area: 30 %
- material: steel | thickness: 0.6 mm | width of perforation: 616 mm
- material: steel | thickness: 0.7 mm | width of perforation: 616 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°)
- Qg: Square holes arranged in straight pitch
- Qd: Square holes arranged in diagonal pitch
- Lg: Slotted round holes arranged in straight pitch
- Lge: Slotted square holes arranged in straight pitch

Example

Rv 1,8 - 20

- Rv: Round holes arranged in diagonal pitch
- 1,8: Hole diameter 1.8 mm
- 20: Open area 20 %

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

Durability

Durability

Exposure class	EN 13964	A
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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
 LMD-L LAOLA - Metal Baffle Ceiling in Wavelike Design
 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
 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.