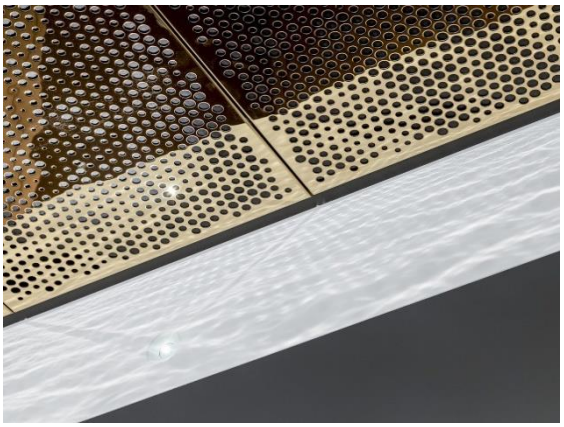
SPREADline

Scattered Perforations

SPREADline offers an excellent design freedom due to an individual arrangement of the scattered perforation with different perforation shapes and sizes. The transmission of photo and images as perforation pattern is a striking eye-catcher. The diverse perforations can specifically be used for an effective combination of luminaires and loudspeakers.

- individual arrangement of the perforation with different perforation shapes
- transmission of images as perforation pattern possible
- suitable for an effective combination of luminaires and loudspeakers



Technical data

Hole shapes	round hole, square hole, slotted hole, free hole
Hole diameter | Metal ceilings	0.7 mm - 76 mm
Hole diameter | Fire rated metal ceilings	0.7 mm - 12 mm
Hole diameter | Heated/Chilled ceilings	0.8 mm - 45 mm

Acoustics

Room acoustics

Room acoustics	equipped with acoustic inlays, perforated surfaces achieve very high sound absorption values

Fire protection

Building material class

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

Durability

Exposure class	DIN EN 13964	A

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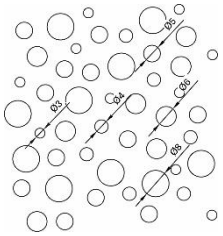
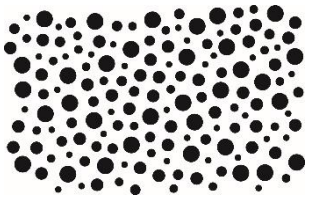
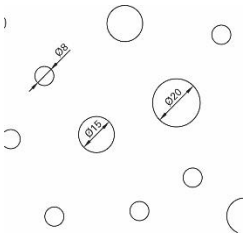
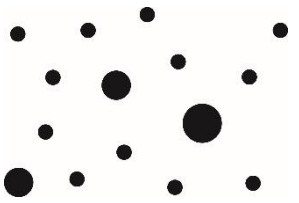
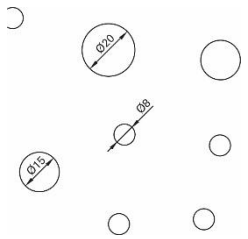
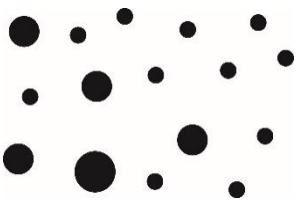
Combinable with

Metal ceilings	LMD-B 100 LMD-B 100 SD LMD-B 110 LMD-B 147 SD 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
Fire rated metal ceilings	F30 Swing-Down-Slide F30 Hook-On-Swing-Down-Slide EI30 Hook-On-Swing-Down-Slide EI30-VKF Hook-On-Swing-Down-Slide F30 Drop-Slide F90 Hook-On-Swing-Down-Slide EI90 Hook-On-Swing-Down-Slide EI90-VKF Hook-On-Swing-Down-Slide		
Heated/Chilled ceilings	Plafotherm® E 200		

Surfaces

Perforations

Rsl 100-30	Hole shape: round hole Hole arrangement: scattered Hole diameter: 3 / 4 / 5 / 6 / 8 mm Open area: 30 %		
Rsl 120-10	Hole shape: round hole Hole arrangement: scattered Hole diameter: 8 / 15 / 20 mm Open area: 10 %		
Rsl 130-10	Hole shape: round hole Hole arrangement: scattered Hole diameter: 8 / 15 / 20 mm Open area: 10 % Combinable with: LMD-E 200, LMD-E 210, Plafotherm® E 200 Ceiling panel: 1,800 x 600 mm Special feature: seamless perforation transition		

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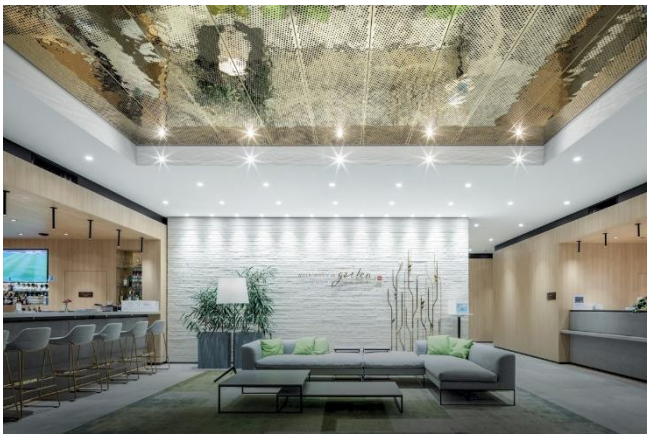
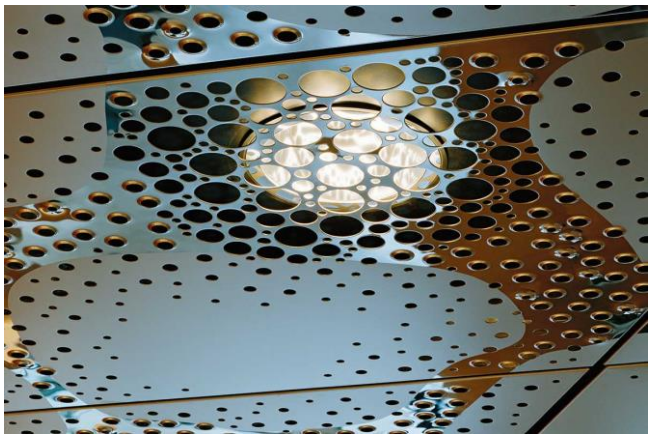
Applications





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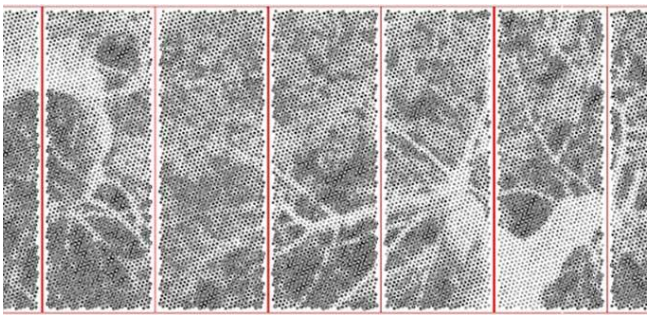
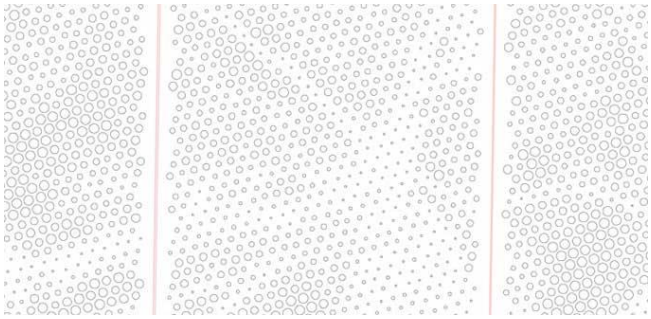


Diverse motives can be created with of perforations – e.g. a tree motive by means of different hole sizes and individual arrangement



Tree motive | Detail

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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