

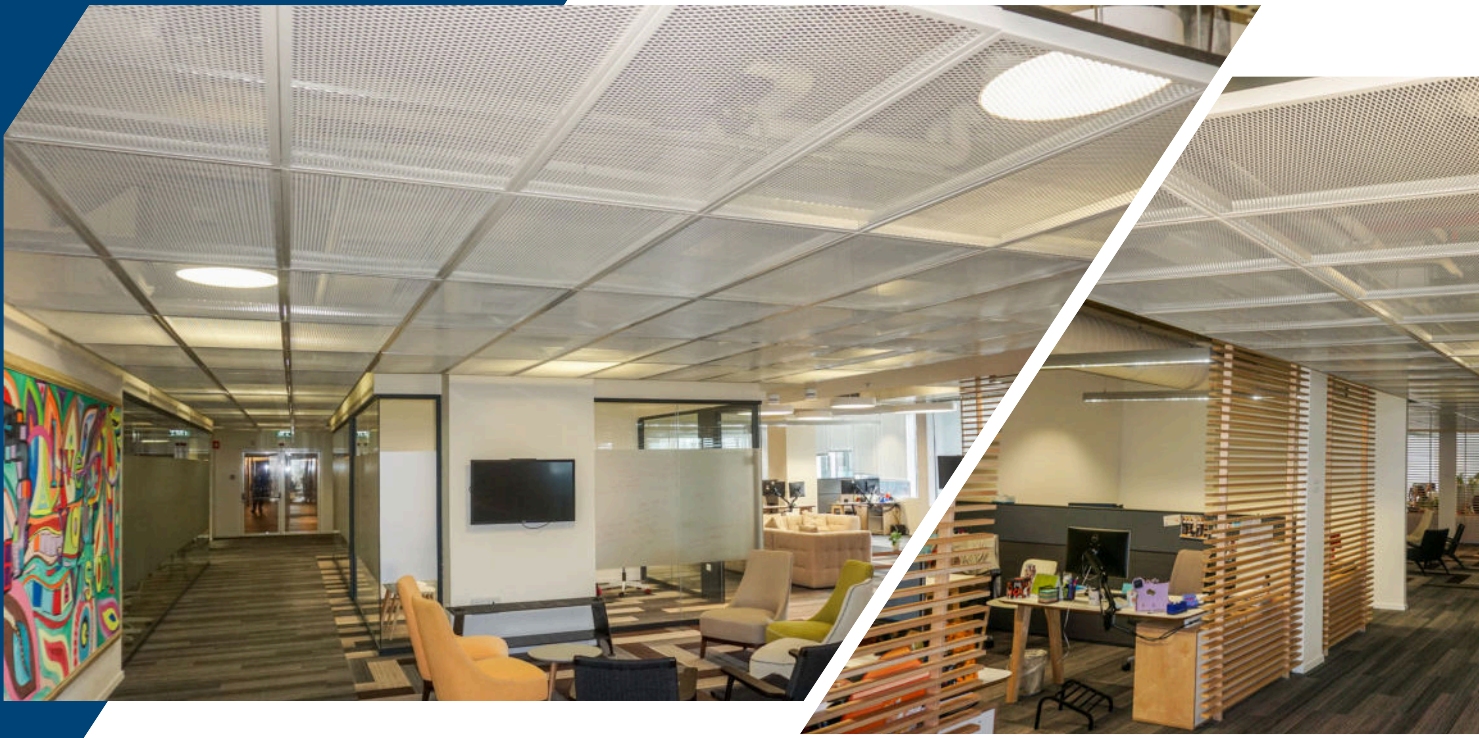


HOOK ON



HECHT & EFRAIM

CONNECTING DESIGN AND CONSTRUCTION SINCE 1952



High
sustainability



Quality
management
standard



discharges



Moisture
resistance

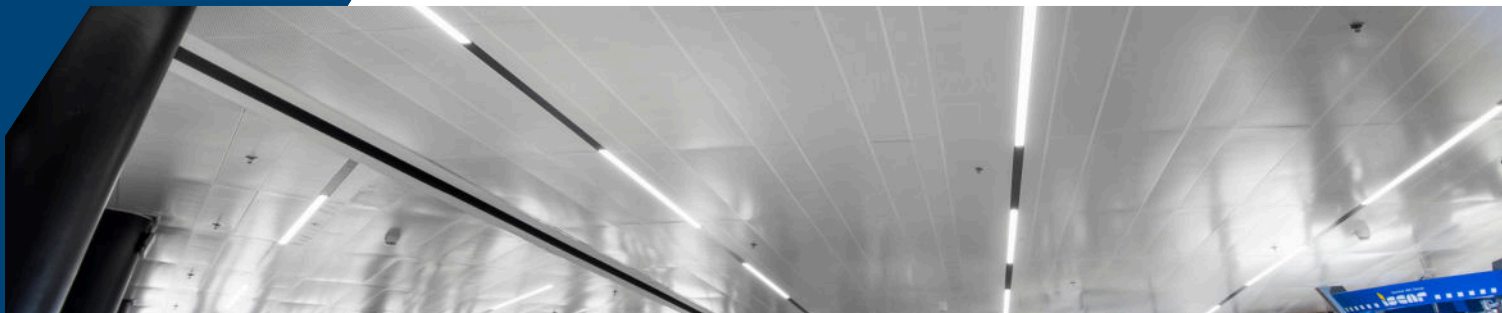
Hook-On Metal Ceiling System Made by Hecht-Efracim

- HOOK ON tray and ceiling filling system designed for places with high air circulation, such as offices, luxurious lobbies and airports.
 - The ceiling provides a good and elegant solution for hallways.
 - A metal acoustic ceiling system with concealed connections.
 - The hook-on trays are hung with a hidden suspension on hidden upper profiles and create a uniform and full appearance. The tray ceilings are manufactured in different widths: 300, 200 and 400 and in different lengths up to 3000 mm.
- **Clean and monolithic appearance, the supports on which the ceiling of the bushing is suspended are completely hidden.**
 - **Easy access to areas above the ceiling.**
 - **High resistance to moisture.**
 - **A continuous perimeter profile can be ordered.**
 - **Meets the requirements of standard 921.**
 - **10-year warranty.**
 - **Includes manufacturer's installation and maintenance instructions.**
 - **Upper fasteners approved by a structural engineer.**

Tray size: Recommended length up to 3000 mm, recommended width 200/300/400/600 mm.

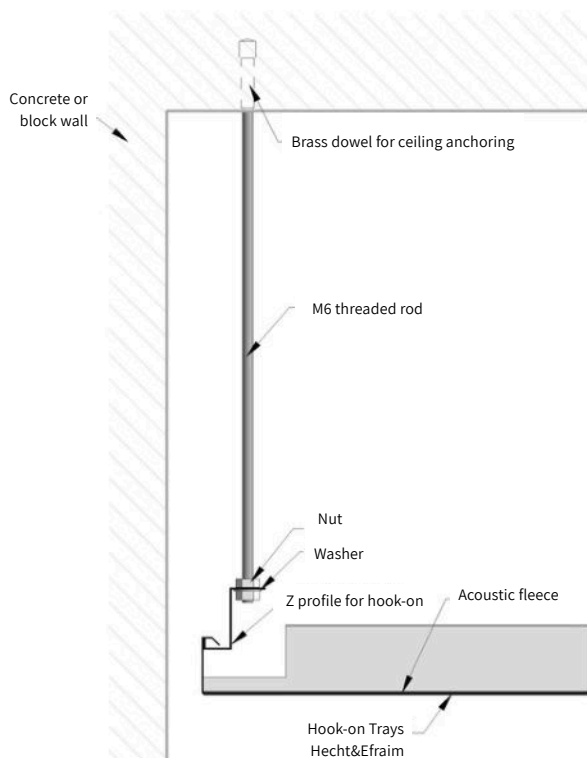
Typical detail: Hook-on trays are hung at the edges of the tile on hook-on suspension profiles that are recycled

in a Creos profile at intervals of up to 120 cm, and anchored to the concrete ceiling using 6M rods at distances of up to 120 cm from each other.



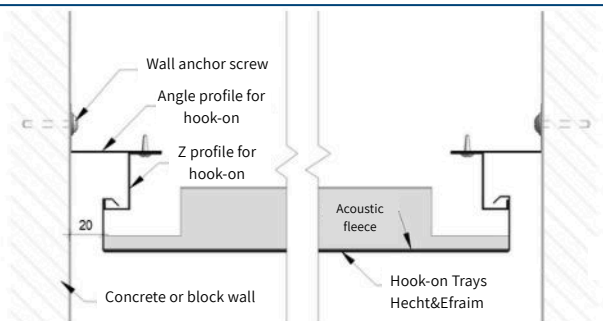
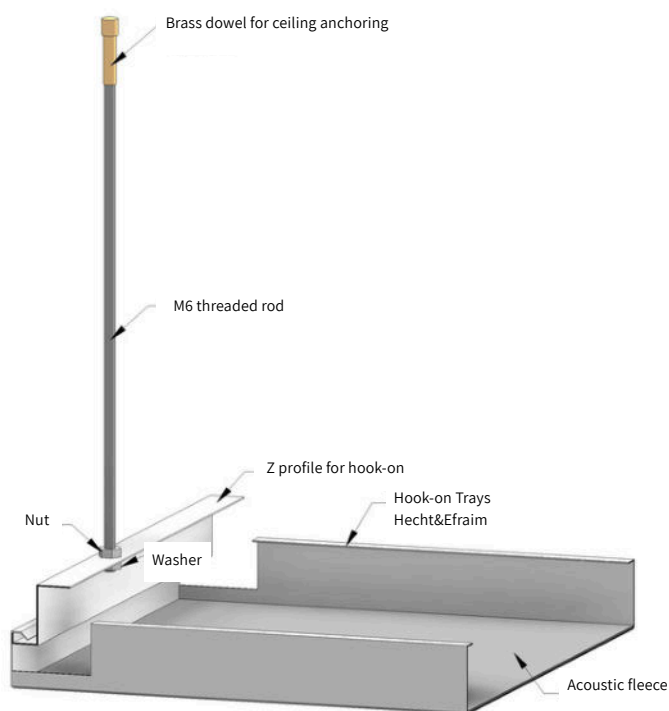
Hook On hanging system

Corridors



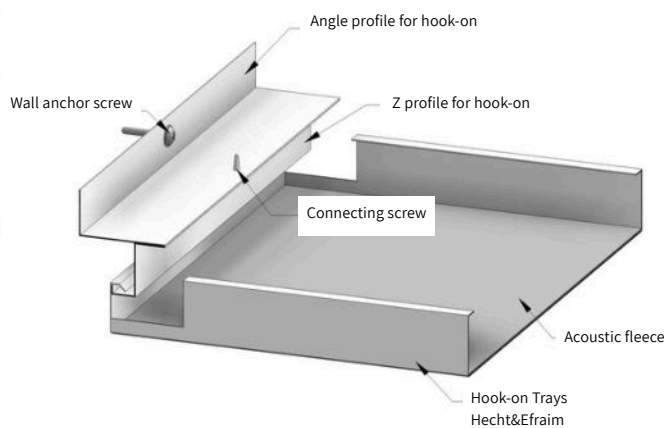
Hook-on ceiling detail for hallways

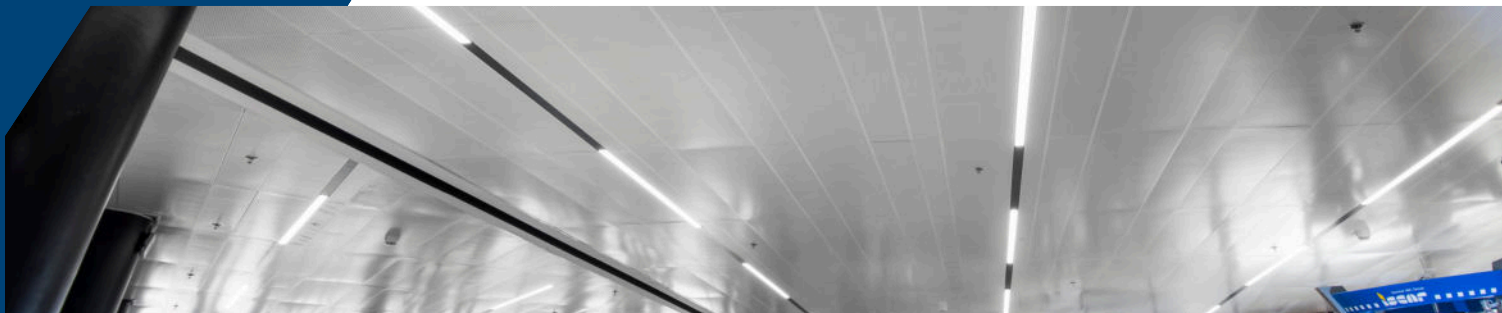
1 : 2



Hook-on ceiling detail for hallways

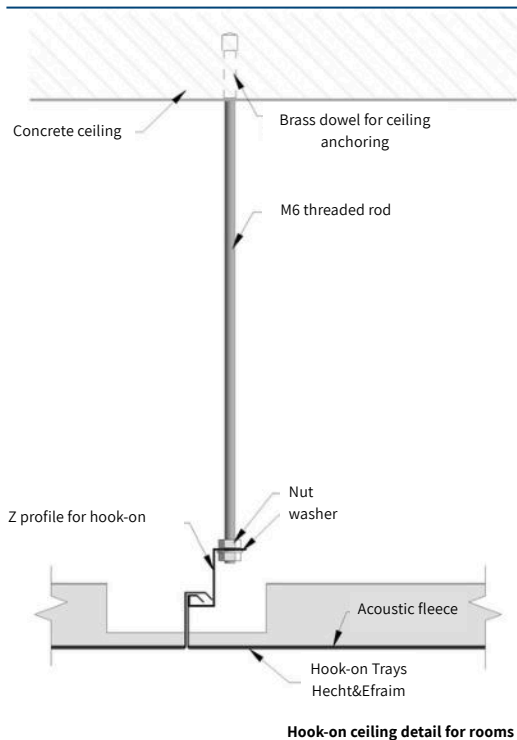
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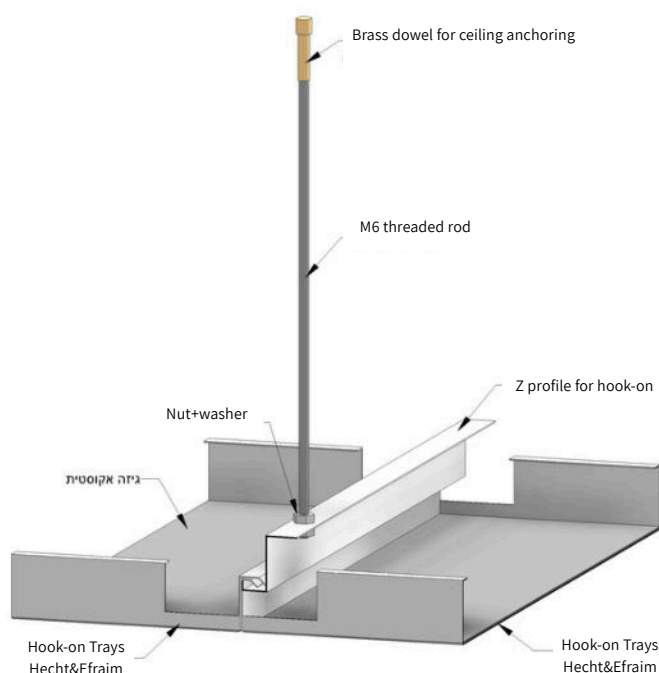


Hook On hanging system

Rooms



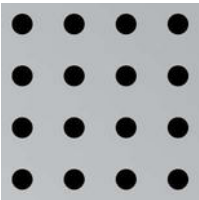
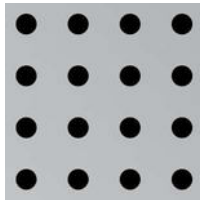
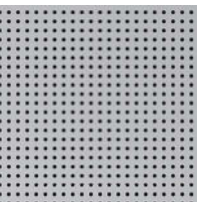
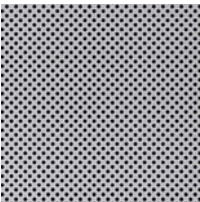
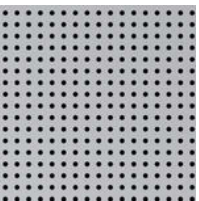
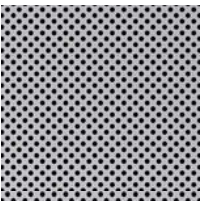
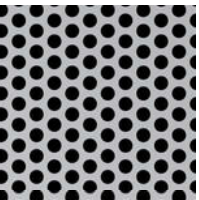
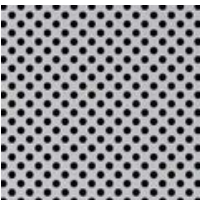
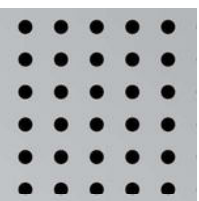
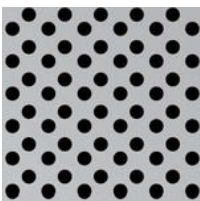
1 : 2



Types of perforations

A variety of perforation options are offered to the architect who can choose the size, shape and density of the perforation according to his wishes and in accordance with his various needs.

This choice is another layer of the service we provide to each customer and is designed to meet his special taste and needs.

		9011				9022	
N.R.C 0.65*	Round perforation straight rows 9 mm			N.R.C 0.65*	mm round hole 9		
N.R.C 0.75**	Perforation area 11%			N.R.C 0.78**	Perforation area 22%		
db 40***	Max. tin width for punching 625 mm			db 45***	Max. tin width for punching 625 mm		
	Perforation max. 600 mm				Perforation max. 600 mm		
		1510				1522	
N.R.C 0.70*	Round perforation straight rows 1.5 mm			N.R.C 0.75*	Round perforation 1.5 mm		
N.R.C 0.75**	perforation area 10%			N.R.C 0.85**	Perforation area 22%		
db 40***	Max. tin width for punching 1250 mm			db 41***	Max. tin width for punching 1250 mm		
	Max. perforation 1180 mm				Max. perforation 1180 mm		
		0213				2026	
N.R.C 0.70*	Round perforation straight rows 2 mm			N.R.C 0.78*	mm round hole 2		
N.R.C 0.80**	Perforation area 13%			N.R.C 0.89**	Perforation area 26%		
db 50***	Max. tin width for punching 1250 mm			db 41***	Max. tin width for punching 1250 mm		
	Max. perforation 1180 mm				Max. perforation 1180 mm		
		6041				3011	
N.R.C 0.85*	Dense circular perforation 6 mm			N.R.C 0.81*	Round hole 3 mm		
N.R.C 0.94**	Perforation area 41%			N.R.C 0.92**	Perforation area 11%		
db 40 36***	Max. tin width for punching 1250 mm			db 37***	Max. tin width for punching 625 mm		
	Max. perforation 11800 mm				Perforation max. 600 mm		
		6012				6016	
N.R.C 0.70*	Round perforation straight rows 6 mm			N.R.C 0.75*	Round hole 6 mm		
N.R.C 0.80**	Perforation area 12%			N.R.C 0.85**	Perforation area 16%		
db 50***	Max. tin width for punching 1250 mm			db 45***	Max. tin width for punching 1250 mm		
	Max. perforation 1180 mm				Max. perforation 1180 mm		

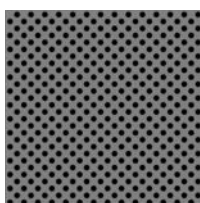
*Average noise absorption with the addition of acoustic fleece gluing **Average noise absorption (with the addition of acoustic fleece gluing and the laying of a 16.1 kg per cubic meter compressed glass wool mattress) ***Average noise absorption (with the addition of acoustic fleece gluing and the laying of a rock wool mattress Compressed with a thickness of "16.1 kg per cubic meter) and a metal back panel cover

Types of perforations

A variety of perforation options are offered to the architect who can choose the size, shape and density of the perforation according to his wishes and in accordance with his various needs. This choice is another layer of the service we provide to each customer and is designed to meet his special taste and needs.

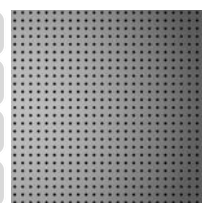
3028

N.R.C 0.78*	Round perforation straight rows 3mm
N.R.C 0.89**	Perforation area 28%
	Max. tin width for punching 500 mm
db 41***	Max. perforation 380 mm



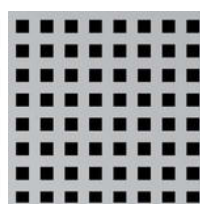
1507

N.R.C 0.70*	Round perforation straight rows 31.5mm
N.R.C 0.75**	Perforation area 7%
	Max. tin width for punching 1250 mm
db 40***	Max. perforation 1180 mm



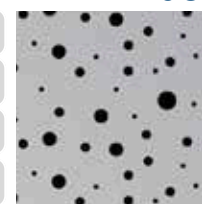
S5030

N.R.C 0.75*	Square perforation 5.5X5.5 mm
N.R.C 0.85**	perforation area 30%
	Max. tin width for punching 625 mm
db 47***	Perforation max. 600 mm



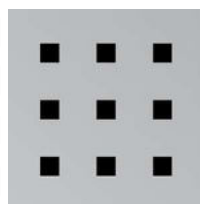
R2468

N.R.C 0.65*	Random round perforation 2X4X6X8 mm
N.R.C 0.75**	Perforation area 11%
	Max. tin width for punching 1250 mm
db 45***	Max. perforation 1180 mm



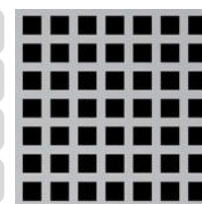
S8011

N.R.C 0.61*	8x8 mm square perforation
N.R.C 0.75**	Perforation area 11%
	Max. tin width for punching 1250 mm
db 40 42***	Max. perforation 1180 mm



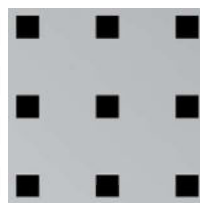
S8044

N.R.C 0.85*	8x8 mm square perforation
N.R.C 0.94**	Perforation area 44%
	Max. tin width for punching 1250 mm
db 40 36***	Max. perforation 1180 mm



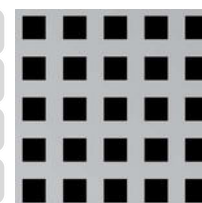
S1012

N.R.C 0.65*	Dense circular perforation 10X10 mm
N.R.C 0.75**	Perforation area 12%
	Max. tin width for punching 625 mm
db 40***	Perforation max. 600 mm



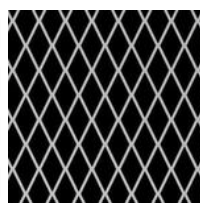
S1036

N.R.C 0.85*	Round perforation 10x10 mm
N.R.C 0.94**	Perforation area 36%
	Max. tin width for punching 625 mm
db 45***	Perforation max. 600 mm



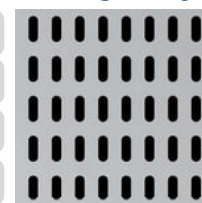
D170

N.R.C 0.75*	Diamond punch 9X20 mm
N.R.C 0.84**	Perforation area 70%
	Max. tin width for punching 625 mm
db 42***	Perforation max. 600 mm



OB40

N.R.C 0.45*	Oval perforation 4X15 mm
N.R.C 0.95**	Perforation area 25%
	Max. tin width for punching 625 mm
db 39***	Perforation max. 600 mm



*Average noise absorption with the addition of acoustic fleece gluing **Average noise absorption (with the addition of acoustic fleece gluing and the laying of a 16.1 kg per cubic meter compressed glass wool mattress) ***Average noise absorption (with the addition of acoustic fleece gluing and the laying of a rock wool mattress Compressed with a thickness of "16.1 kg per cubic meter) and a metal back panel cover

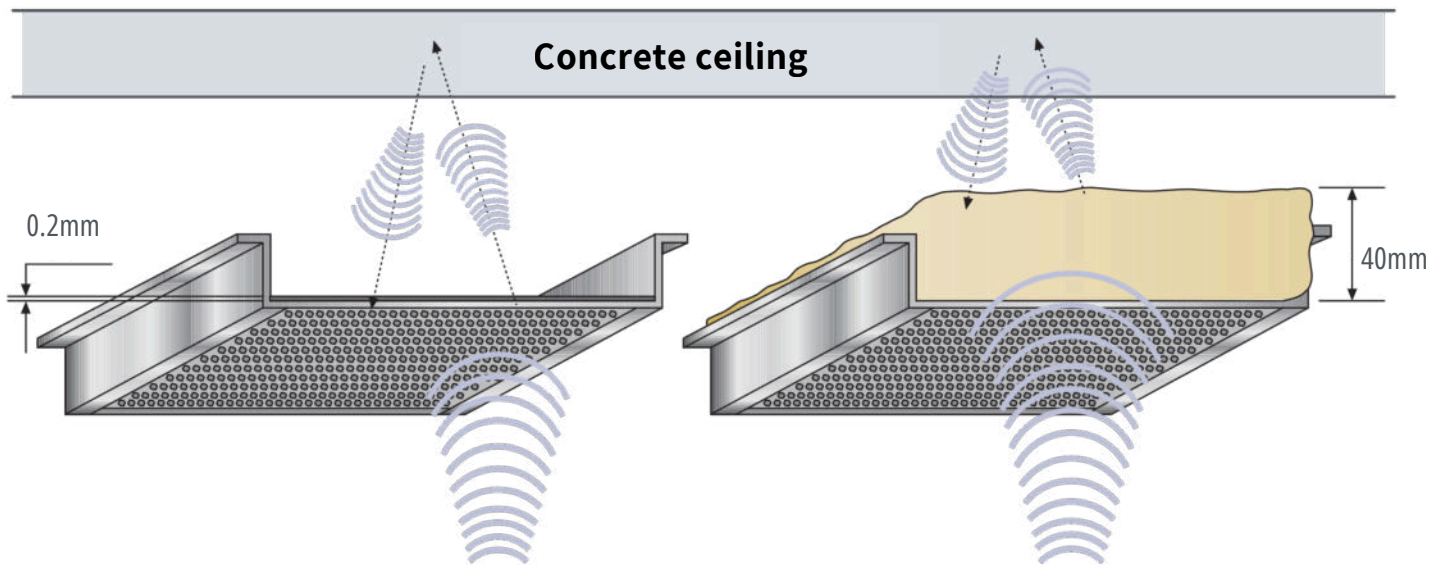
isolation

The Hecht Ephraim company is a representative of the Royaline company - Germany.

Non-woven acoustic fleece, with a noise absorption capacity of up to 0.8 (reduction of about 10 decibels) with a thickness of 0.2 mm is affixed with acoustic glue on the back of the ceiling and wall units.

advantages

- High noise absorption, effective handling of different decibel levels (see diagram).
- It does not detach and does not move from the unit, so removing the trays for the purpose of maintaining the systems above them and re-placing them afterwards is easy, fast and simple.
- Meets the requirements of TI 921.
- The insulation does not absorb moisture.
- Acoustic insulation in black tones that emphasizes the appearance of perforation and alternatively in white tones for a monolithic look.



*Additional glass wool/rocks can be added above the tile depending on the ceiling model.

