

PERFORATION

Features and pattern zone layouts

One of the main aspects of a metal ceiling is sound absorption; this can be appropriately achieved through its perforation.

Various types of perforation designs are available; both standard and decorative.

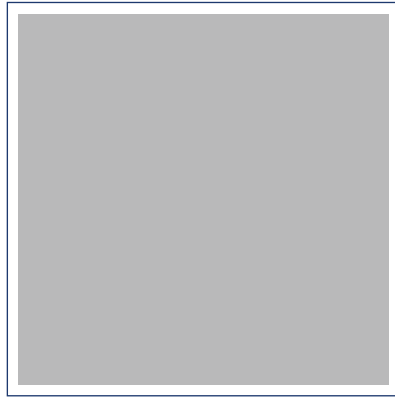
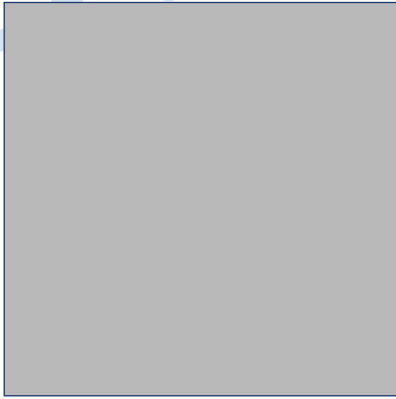
The main function of the perforated ceiling surface is to achieve acoustic control of the pressure sound waves.

Equally important is the unique decorative opportunity a perforation pattern offers.

To reach the required optimal acoustic levels, the perforated ceiling panels can be supplied with a black acoustic fleece sound absorbing membrane bonded to the concealed surface.

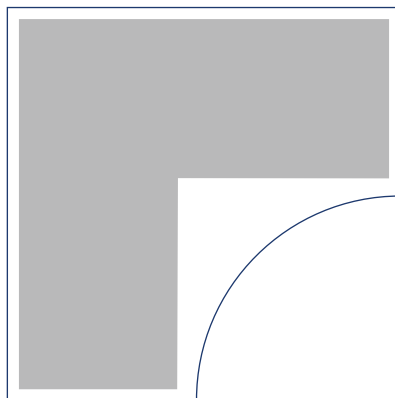
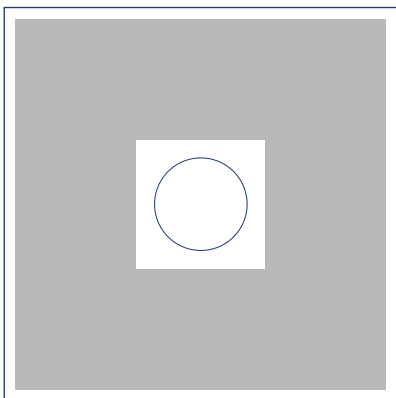
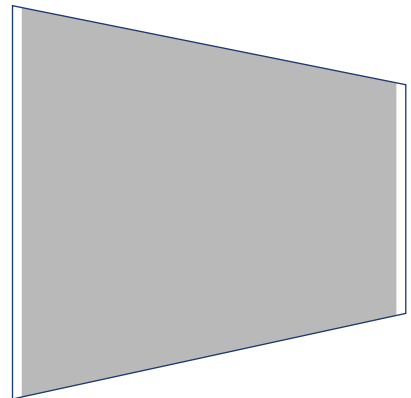
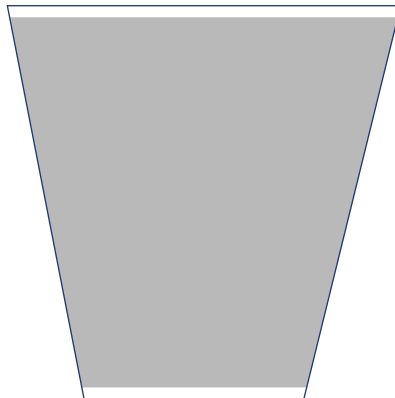
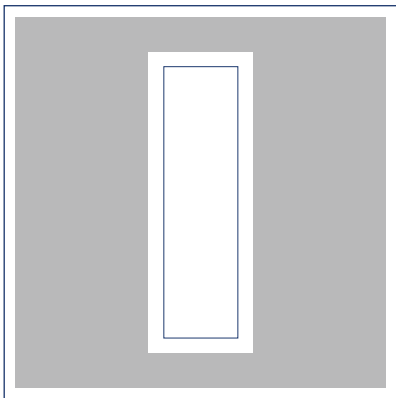
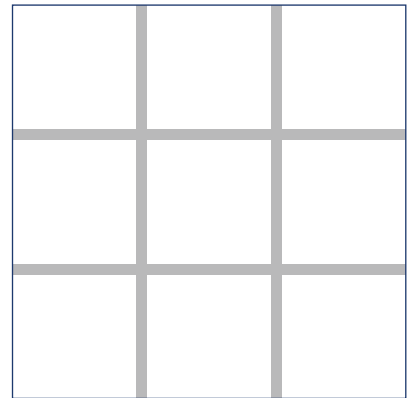
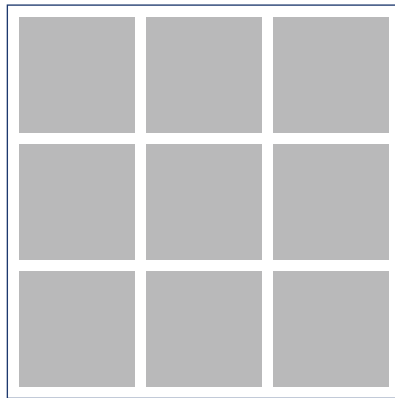
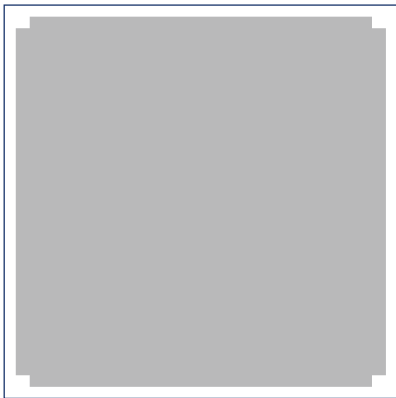
Perforation Types

for DAMPA Steel and Aluminium Ceilings

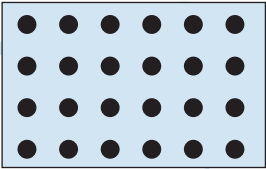
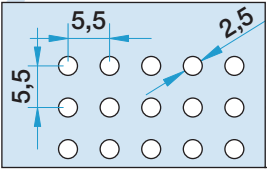
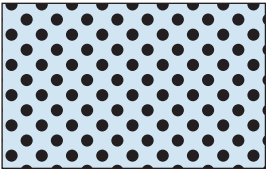
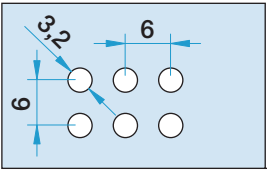
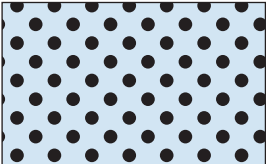
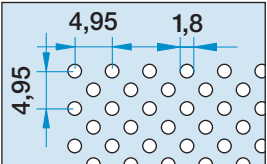


Dampa offers a wide range of perforation types in various patterns.

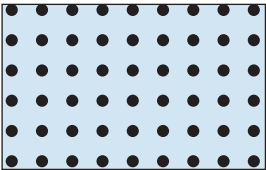
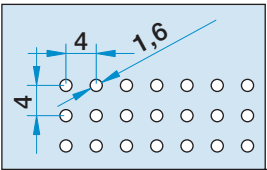
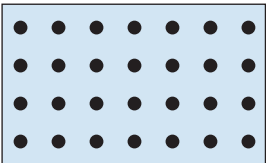
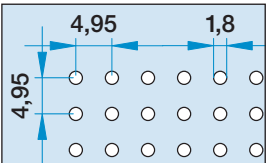
Our computer controlled presses are both precise and flexible; they can even handle the creation of plain areas in the middle of a perforated surface.



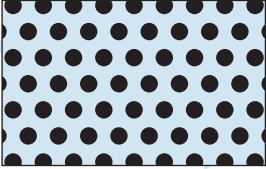
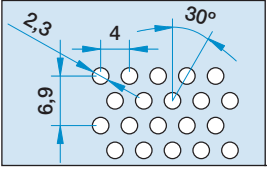

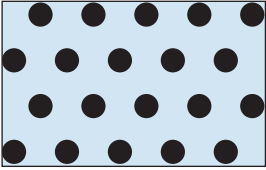
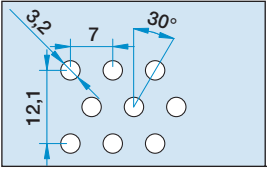

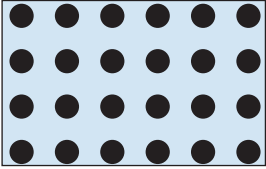
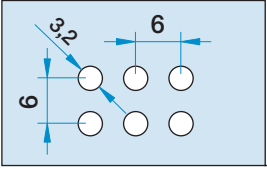
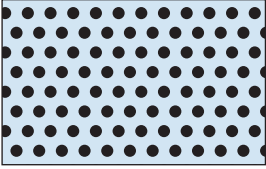
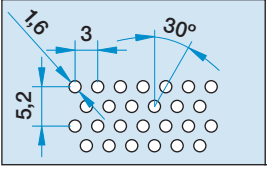


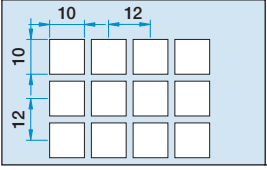
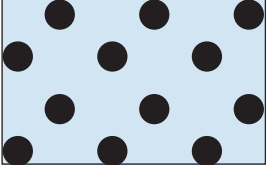
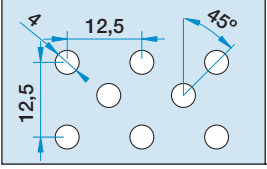
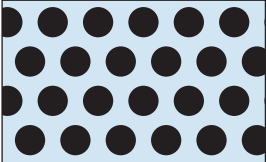
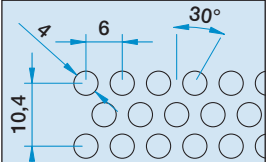
Standard Perforations

			Max coil width	Max perforation width	Material thickness steel	Prepaint
		ST-702 Open area 16% Ø 2,5 mm	1305 mm	1245 mm	10,5-0,8 mm	X
		ST-709 Open area 25,1% Ø 1,6 mm	1305 mm	1245 mm	0,6-0,8 mm	X
		ST-724 Open area 20,8% Ø 1,8 mm	1305 mm	1301 mm	0,6-0,8 mm	X

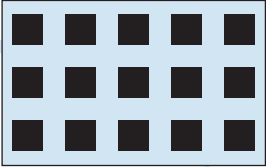
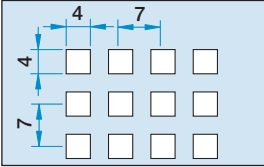
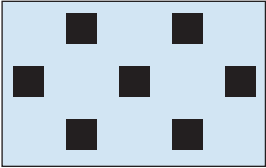
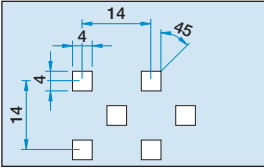
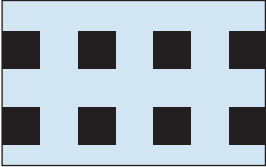
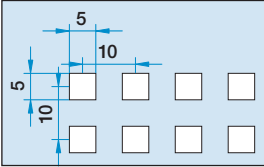
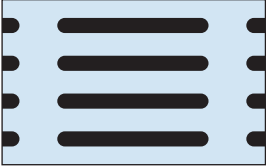
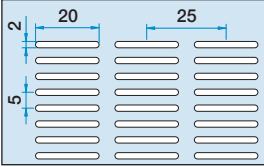
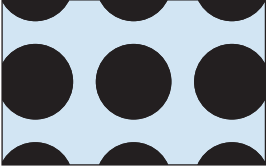
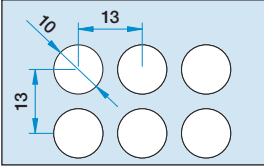
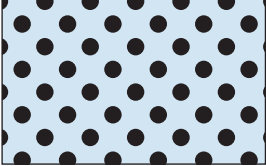
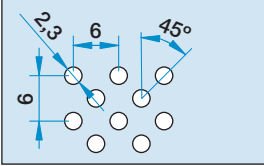
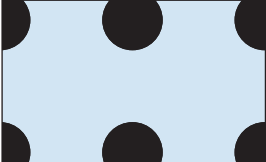
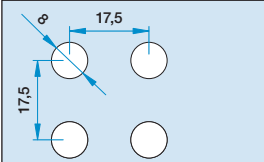
Semi-Standard Perforations

			Max coil width	Max perforation width	Material thickness steel	Prepaint
		ST-707 Open area 12,6% Ø 1,6 mm	1305 mm	1245 mm	0,6-0,8 mm	
		ST-727 Open area 10,4% Ø 1,8 mm	1305 mm	1301 mm	0,6-0,8 mm	

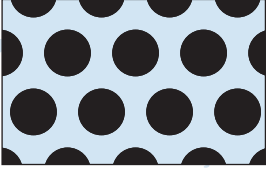
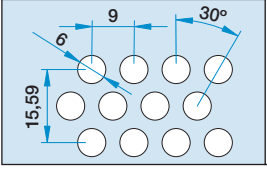
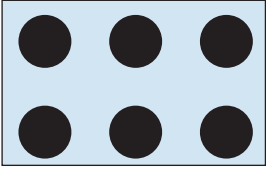
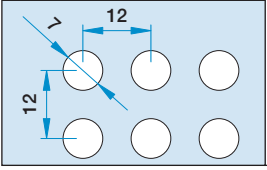
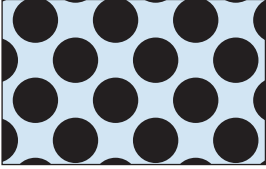
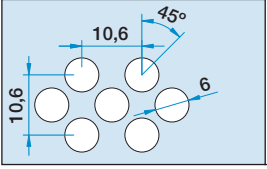
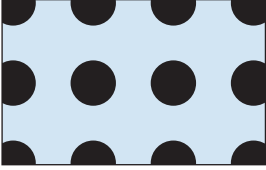
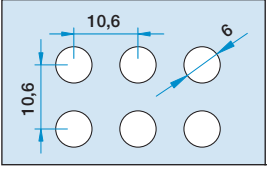
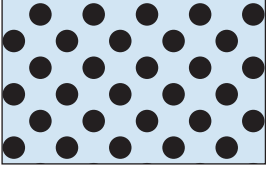
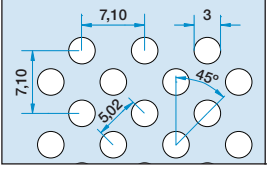
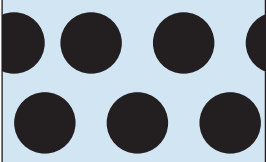
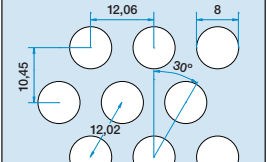
Special Perforations

			Max coil width	Max perforation width	Material thickness steel	Prepaint
		ST-701 Open area 30% Ø 2,3 mm Direction 	800 mm	770 mm	0,6-0,8 mm	
		ST-703 Open area 19% Ø 3,2 mm Direction 	800 mm	755 mm	0,6-0,8 mm	
		ST-704 Open area 22,3% Ø 3,2 mm	800 mm	785 mm	0,6-0,8 mm	
		ST-705 Open area 25,8% Ø 1,6 mm Direction 	800 mm	775 mm	0,6-0,8 mm	
		ST-711 Open area 69,4% Ø 10 x 10 mm	1000 mm	980 mm	0,7-0,8 mm	
		ST-715 Open area 16,1% Ø 4,0 mm	800 mm	780 mm	0,5-0,8 mm	
		ST-716 Open area 40,3% Ø 4,0 mm	800 mm	790 mm	0,6-1,0 mm	

Special Perforations

		Max coil width	Max perforation width	Material thickness steel	Prepaint	
		ST-717 Open area 32,7% Ø 4 x 4 mm	800 mm	780 mm	0,6-0,8 mm	
		ST-717 S Open area 16,3% Ø 4 x 4 mm	800 mm	780 mm	0,6-0,8 mm	
		ST-730 Open area 25% Ø 5 x 5 mm	1305 mm	1270 mm	0,6-0,8 mm	
		ST-718 Open area 31,3% Ø 20 x 2 mm Direction ↑	550 mm	275 mm	0,6-0,8 mm	
		ST-719 Open area 46,5% Ø 10,0 mm	700 mm	572 mm	0,6-0,8 mm	
		ST-720 Open area 23,1% Ø 2,3 mm	800 mm	785 mm	0,6-0,8 mm	
		ST-721 Open area 16,4% Ø 8,0 mm	1250 mm	1205 mm	0,6-1,0 mm	

Special Perforations

		Max coil width	Max perforation width	Material thickness steel	Prepaint
		800 mm	795 mm	0,6-0,8 mm	
<p>ST-723 Open area 40,3% Ø 6,0 mm Direction →</p>					
		1305 mm	1284 mm	0,7-0,8 mm	
<p>ST-725 Open area 26,7% Ø 7,0 mm</p>					
		1305 mm	1270 mm	0,6-0,8 mm	
<p>ST-726 Open area 50,3% Ø 6,0 mm</p>					
		1305 mm	1270 mm	0,6-0,8 mm	
<p>ST-726 S Open area 25,1% Ø 6,0 mm</p>					
		850 mm	790 mm	0,6-0,8 mm	
<p>ST-3028 Open area 28% Ø 3,0 mm</p>					
		850 mm	800 mm	0,6-0,8 mm	
<p>ST-8040 Open area 40,1% Ø 8,0 mm</p>					

DAMPA®

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