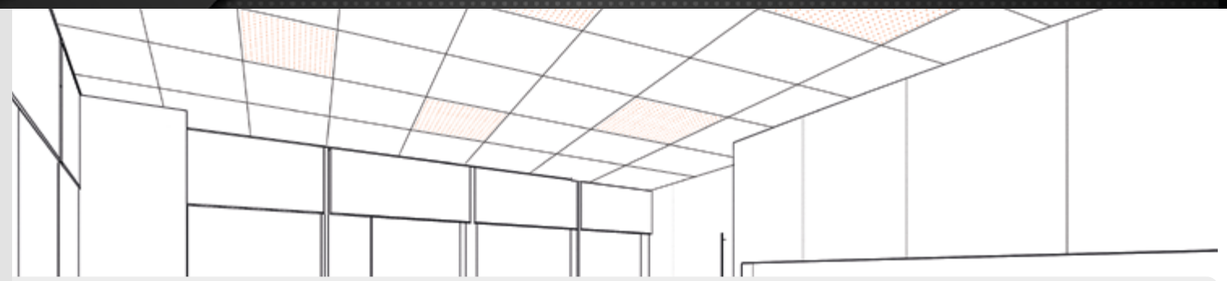
Innovatiion For Creativity

metal ceilings and facades

MADE IN ITALY
MANUFACTURING
QUALITY • DESIGN

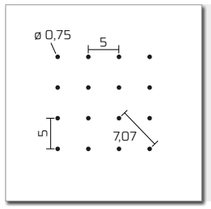
PERFORATION SET AND ACOUSTIC DATA



The perforations set for panels and staves includes standard models with parallel and diagonal holes arrangements, decorative punching and custom made laser cutting suitable to be led enlighted on the back.

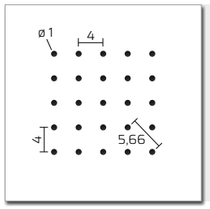
PARALLEL AND QUASAR PERFORATIONS

(*) minimum quantity 300 sqm | (*) material thickness not exceeding 6/10



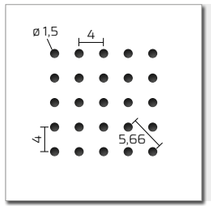
AP 0,75/2% P (*) (*)

Ø 0,75 Parallel
open area 2%
aluminum/steel from 0.5 to 0.6
max coil width 1020 mm
max perforation width 935 mm



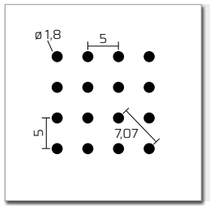
AP 1/5% P

Ø 1 Parallel
open area 5%
aluminum/steel from 0.5 to 0,6
max coil width 830 mm
max perforation width 805 mm



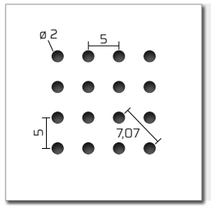
AP 1,5/11% P

Ø 1,5 Parallel
open area 11%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



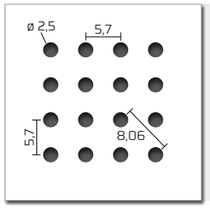
AP 1,8/9,5% P

Ø 1,8 Parallel
open area 9,5%
aluminum/steel da 0.5 a 0.7
max coil width 900 mm
max perforation width 800 mm



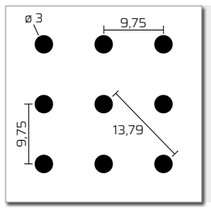
AP 2/12,5% P

Ø 2 Parallel
open area 12,5%
aluminum/steel from 0.5 to 0.7
max coil width 1250 mm
max perforation width 1200 mm



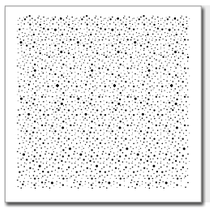
AP 2,5/15% P

Ø 2,5 Parallel
open area 15%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



AP 3/7,5% P

Ø 3 Parallel
open area 7,5%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1000 mm

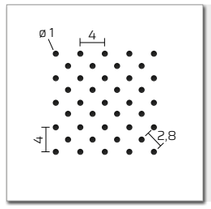


QUASAR

Open area 7%
alumium/steel from 0.5 to 0.7
max coil width 1000 mm
max perforation width 800 mm

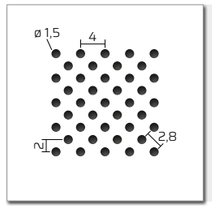
DIAGONAL PERFORATIONS

(**) continuous perforation | (**) suggested thickness7/10



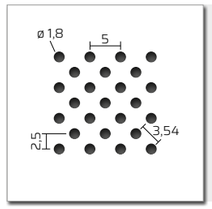
AP 1/10% D

Ø 1 Diagonal (45°)
open area 10%
aluminum/steel from 0.5 to 0,6
max coil width 830 mm
max perforation width 805 mm



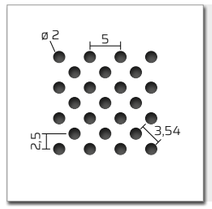
AP 1,5/22% D

Ø 1,5 Diagonal (45°)
open area 22%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



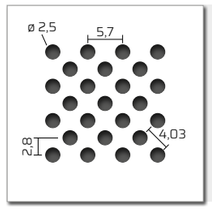
AP 1,8/19% D

Ø 1,8 Diagonal (45°)
open area 19%
aluminum from 0.5 to 0.7
steel from 0.5 to 0.8
max coil width 900 mm
max perforation width 800 mm



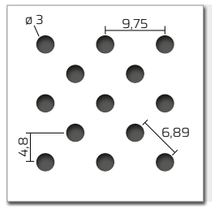
AP 2/25% D

Ø 2 Diagonal (45°)
open area 25%
aluminum from 0.5 to 0.7
steel from 0.5 to 0.8
max coil width 1250 mm
max perforation width 1200 mm



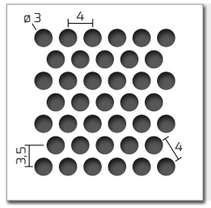
AP 2,5/30% D

Ø 2,5 Diagonal (45°)
open area 30%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



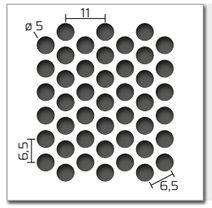
AP 3/15% D

Ø 3 Diagonal (45°)
open area 15%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1000 mm



AP 3/51% D (**) (**)

Ø 3 Diagonal (60°)
open area 51%
aluminum/steel from 0.5 to 0.8
max coil width 900 mm
max perforation width 800 mm



AP 5/53% D (**)

Ø 5 Diagonal (30°) | open area 53%
aluminum from 0.5 to 0,8
steel from 0.5 to 1.0
max coil width 900 mm (1100 mm for 1.0)
max perforation width 700 mm
(800 mm for 1.0)

disegno in scala 1:1,7

MESH PERFORATIONS

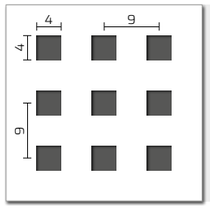
R16x8 - A2,5

9,23x5,52
open area 42,2%
aluminum/steel from 0.5 to 0.7
max coil width 1020 mm
max perforation width 1007 mm

R25x12,5 - A2

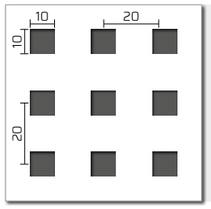
22x9,5
open area 67%
aluminum/steel from 0.5 to 0.7
max coil width 740 mm
max perforation width 662 mm

SQUARE PERFORMATIONS



AP Q4/20%P

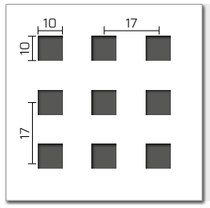
Q 4x4 parallel
open area 20%
aluminum/steel from 0.5 to 0.7
max coil width 960 mm
max perforation width 815 mm



AP Q10/25%P

Q 10x10 parallel
open area 25%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm

scale drawing 1:2,5



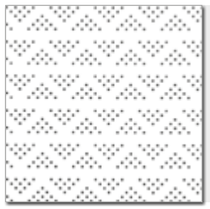
AP Q10/34%P

Q 10x10 parallel
open area 34%
aluminum/steel from 0.5 to 0.7
max coil width 960 mm
max perforation width 809 mm

scale drawing 1:2,5

TISSUE PERFORMATIONS

IFC tissue range: continuous perforation only



TWEED 1,5/11% D

Ø 1,5 Diagonal (45°)
open area 11%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm

TWEED LARGE 1,5/4% D

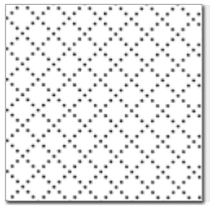
Ø 1,5 Diagonal (45°)
open area 4%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm

TWEED FINE 1,5/7% D

Ø 1,5 Diagonal (45°)
ope area 7%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm

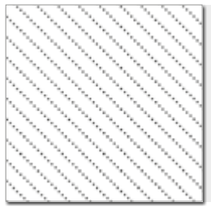
TWEED UNIQUE 1,5/15% D

Ø 1,5 Diagonal (45°)
open area 15%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



PIQUET 1,5/13,5% D

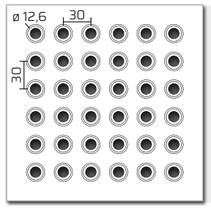
Ø 1,5 Diagonal (45°)
open area 13,5%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm



STRIP 1,5/7% D

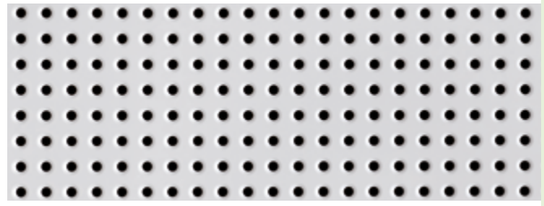
Ø 1,5 Diagonal (45°)
open area 7%
aluminum/steel from 0.5 to 0.7
max coil width 1300 mm
max perforation width 1300 mm

DRAWN HOLES PERFORATION



DRAWN HOLES

12,6 Parallel
open area 14%
material and dimension
according to project
requirements.

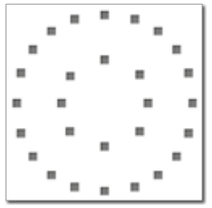


SPECIAL PERFORATIONS

NEW SUN

SUN

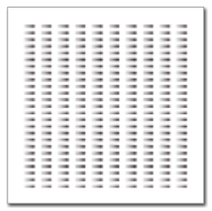
TIMER



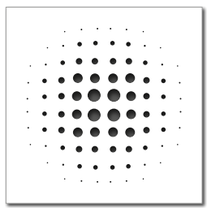
WHEEL

SQUARE ON LINE

LINE

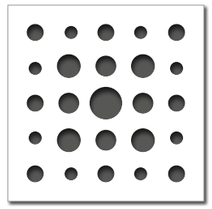


SPHERE



GALAXY

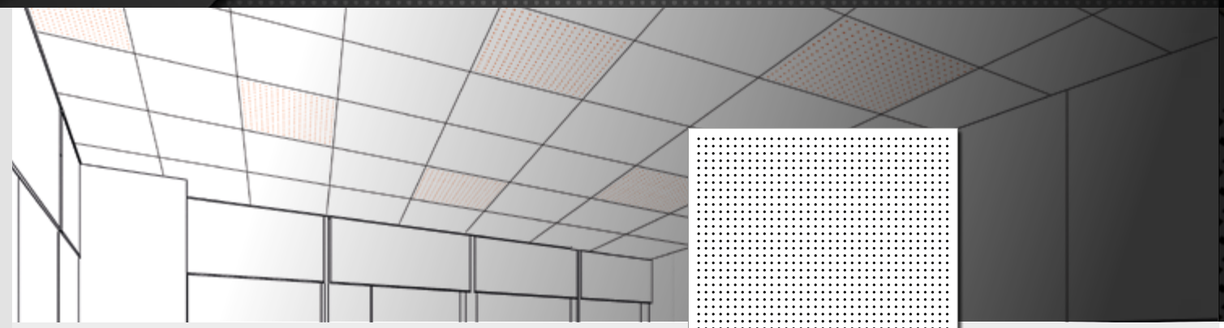
BUBBLES



SHANGHAI

MIRROR

MILKY WAY

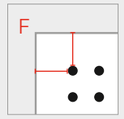


CONSULTATION GUIDE

The schedule below reports standard smooth frame per perforation model.
Other measures can be supplied on request.

EXAMPLE

(F) SMOOTH FRAME MEASUREMENTS

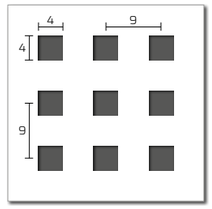


TILE		SECTION								
		MODEL	24 LINEAR TEGULAR	15 LINEAR DESIGN (R9)	15 LINEAR DESIGN (S14 | S9)	PLAN	E. TRIM	E.ESCAPE	ENIGMA | E. OPEN E. DOMINO	E.MATROX	E. SPACE
		BASE	575	585	585	575	600	596	600	600	595
PERFORATION			SMOOTH FRAME WIDTH								
AP 0,75/2%	P		9,5	4,5	14,5	12	12	12	12	12	12
AP 1/5%	P		13	6	11,5	4,5	7	7	7	7	4,5
AP 1,5/11%	P		13	6	11,5	4,5	7	7	7	7	4,5
AP 1,8/9,5%	P		11,5	9	16,5	6,5	9	9	9	9	6,5
AP 2/12,5%	P		11,5	9	16,5	6,5	9	9	9	9	6,5
AP 2,5/15%	P		11,5	10,5	16,5	10	13	13	13	13	10
AP 3/7,5%	P		17,5	13	22,5	8	10,5	10,5	10,5	10,5	8
AP 1/10%	D		11,5	5	10,5	3,5	6	6	6	6	3,5
AP 1,5/22%	D		11,5	5	10,5	3,5	6	10	6	6	3,5
AP 1,8/19%	D		10	7,5	15	5	7,5	12,5	7,5	7,5	5
AP 2/25%	D		10	7,5	15	5	7,5	12,5	7,5	7,5	5
AP 2,5/30%	D		15,5	9	14,5	8,5	11	11	11	11	8,5
AP 3/15%	D		15	10,5	20	5,5	8	8	8	8	5,5
AP 3/51%	D		ONLY CONTINUOUS PERFORATION								
AP 5/53%	D		NOT AVAILABLE			*	CONTINUOUS PERFORATION				N.A.
AP Q4/20%	P		11	7	16	7,5	10	10	10	10	7,5
AP Q10/25%	P		12,5	17,5	17,5	22,5	25	25	25	25	22,5
AP Q10/34%	P		10,5	15,5	15,5	20,5	23	23	23	23	20,5

ACOUSTIC DATA

SQUARE PERFORATIONS

AP Q4/20%P



Q 4x4 par. open area 20%
ALUM./STEEL from 0.5 to 0.7
Max coil width 960 mm
Max perf. width 815 mm

METAL SOUND^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,50	**0,60**	0,18	0,58	0,76	0,53	0,52	0,29

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	**0,57**	0,17	0,45	0,66	0,53	0,65	0,64

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,70**	0,49	0,74	0,86	0,68	0,71	0,67

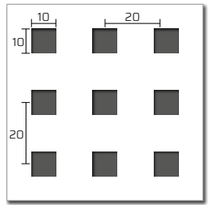
The **reported acoustic data** refers to standard perforation only. For each perforation model are reported sound absorption values and indexes of the perforated metal surface coupled with three types of acoustic pad: **acoustic tissue**, **ecofiber** and **rockwool**.

Therefore three **different products** have been conceived as follow:

- **Metal Sound^{aw}** with **acoustic tissue**;
- **Metal Soft^{aw}** with **ecofiber**;
- **Metal Life^{aw}** with **rockwool**.

The acoustic material features have been tested in compliance with **ISO 10534** and certified by an independent laboratory, sound absorption coefficients are calculated using the **ALPHA-CELL® software** (TIMM method), one of the most updated system to predict the acoustic performance of multilayer elastic porous material.

AP Q10/25%P



Q 10x10 par. open area 25%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1300 mm

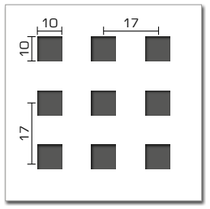
scale drawing 1:2,5

METAL SOUND^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,60	**0,64**	0,21	0,61	0,79	0,54	0,61	0,48

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	**0,59**	0,19	0,47	0,67	0,54	0,66	0,65

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,71**	0,51	0,76	0,87	0,70	0,73	0,67

AP Q10/34%P



Q 10x10 par. open area 34%
ALUM./STEEL from 0.5 from 0.7
Max coil width 960 mm
Max perf. width 809 mm

scale drawing 1:2,5

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,60	**0,64**	0,18	0,58	0,76	0,51	0,58	0,45

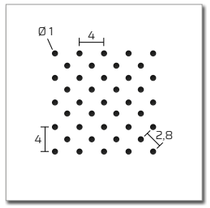
METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	**0,59**	0,17	0,45	0,65	0,52	0,64	0,63

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,71**	0,49	0,74	0,85	0,68	0,71	0,65

DIAGONAL PERFORATIONS

(**) continuous perforation
(**) suggested thickness 7/10

AP 1/10% D



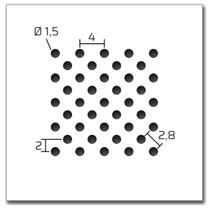
1 Diag. (45°) open area 10%
ALUM./STEEL from 0.5 to 0.6
Max coil width 830 mm
Max perf. width 805 mm

METAL SOUND^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,60**	0,39	0,81	0,84	0,66	0,72	0,71

METAL SOFT^{aw}						CLASS	A
AlphaW	NRC	125	250	500	1000	2000	4000
0,90	**0,85**	0,59	0,85	0,97	0,79	0,82	0,79

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,75**	0,74	0,97	1,00	0,84	0,78	0,67

AP 1,5/22% D



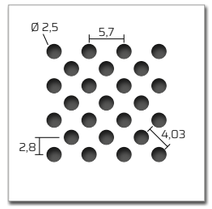
1,5 Diag. (45°) open area 22%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1300 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,70	**0,70**	0,35	0,65	0,85	0,60	0,70	0,70

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,75**	0,41	0,67	0,88	0,75	0,79	0,68

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,60**	0,73	0,96	1,00	0,83	0,77	0,66

AP 2,5/30%D



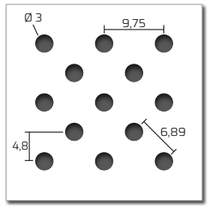
2,5 Diag. (45°) open area 30%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1300 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,70	**0,60**	0,46	0,73	0,64	0,65	0,78	0,68

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,75**	0,41	0,67	0,88	0,75	0,79	0,68

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,55**	0,77	0,99	1,00	0,81	0,73	0,63

AP 3/15% D



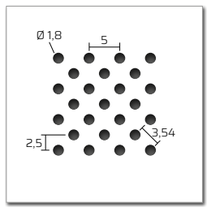
3 Diag. (45°) open area 15%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1000 mm

METAL SOUND^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	**0,57**	0,34	0,70	0,61	0,52	0,64	0,72

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	**0,56**	0,16	0,44	0,64	0,53	0,62	0,58

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	**0,66**	0,44	0,67	0,79	0,60	0,60	0,55

AP 1,8/19% D



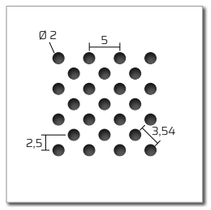
1,8 Diag.(45°) open area 19%
ALUMINUM from 0.5 to 0.8
STEEL from 0.5 to 0.7
Max coil width 900 mm
Max perf. width 800 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,75**	0,42	0,81	0,78	0,66	0,75	0,77

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,73**	0,36	0,63	0,84	0,71	0,77	0,68

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	**0,87**	0,68	0,91	1,00	0,80	0,77	0,67

AP 2/25%D



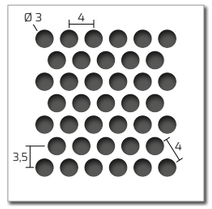
2 Diag. (45°) open area 25%
ALUMINUM from 0.5 to 0.8
STEEL from 0.5 to 0.7
Max coil width 1250 mm
Max perf. width 1200 mm

METAL SOUND^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,70**	0,50	0,55	0,65	0,80	0,85	0,90

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,51**	0,35	0,62	0,83	0,69	0,72	0,59

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	**0,55**	0,57	0,79	0,87	0,61	0,53	0,43

AP 3/51% D (**)(**)



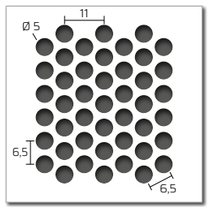
3 Diag. (60°) open area 51%
ALUM./STEEL from 0.5 to 0.8
Max coil width 900 mm
Max perf. width 800 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,60	**0,57**	0,47	0,55	0,50	0,63	0,61	0,63

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,70	**0,65**	0,64	0,65	0,57	0,71	0,68	0,67

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	**0,44**	0,66	0,84	0,88	0,57	0,48	0,44

AP 5/53% D (**)



5 Diag. (30°) open area 53%
ALUMIUNUM from 0.5 to 0.8
STEEL from 0.5 to 1.0
Max coil width 900 mm (1100 mm for 1.0)
Max perforation width 700 mm
(800 mm for 1.0)

scale drawing 1:1,7

METAL SOUND^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	**0,50**	0,51	0,38	0,39	0,58	0,67	0,72

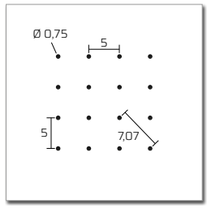
METAL SOFT^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	**0,43**	0,24	0,48	0,71	0,49	0,47	0,44

METAL LIFE^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	**0,45**	0,61	0,79	0,83	0,52	0,45	0,51

PARALLEL PERFORATIONS

(*) minimum quantity 300 m²
(*) material thickness not exceeding 6/10

AP 0,75/2%P (*)(*)



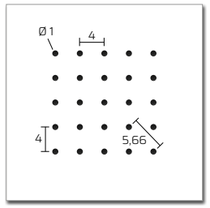
0,75 Par. open area 2%
ALUM./STEEL from 0.5 to 0.6
Max coil width 1020 mm
Max perf. width 935 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,60	0,50	0,74	0,89	0,65	0,72	0,71

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,85	0,79	0,50	0,93	0,94	0,84	0,84	0,74

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,90	0,75	0,54	0,80	0,93	0,77	0,90	0,98

AP 1/5% P



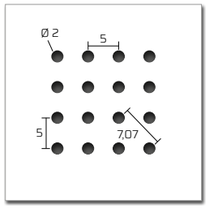
1 Par open area 5%
ALUM./STEEL from 0.5 to 0.6
Max coil width 830 mm
Max perf. width 805 mm

METAL SOUND^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,61	0,33	0,76	0,91	0,66	0,73	0,72

METAL SOFT^{aw}						CLASS	A
AlphaW	NRC	125	250	500	1000	2000	4000
0,90	0,80	0,51	0,95	0,96	0,86	0,86	0,76

METAL LIFE^{aw}						CLASS	A
AlphaW	NRC	125	250	500	1000	2000	4000
0,90	0,87	0,55	0,82	0,95	0,79	0,92	1,00

AP 2/12,5%P



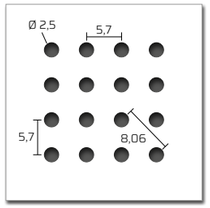
2 par. open area 12,5%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1250 mm
Max perf. width 1200 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,78	0,45	0,86	0,84	0,69	0,76	0,84

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,67	0,26	0,55	0,75	0,63	0,74	0,71

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,77	0,53	0,78	0,89	0,71	0,73	0,69

AP 2,5/15%P



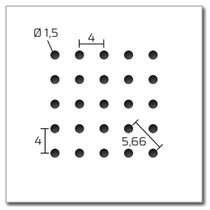
2,5 par. open area 15%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1300 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	0,58	0,33	0,71	0,64	0,54	0,64	0,73

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,48	0,28	0,55	0,71	0,48	0,57	0,55

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,66	0,53	0,77	0,88	0,69	0,69	0,63

AP 1,5/11% P



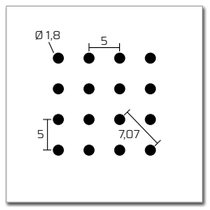
1,5 par. open area 11%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1300 mm
Max perf. width 1300 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,59	0,38	0,80	0,83	0,64	0,70	0,70

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,70	0,31	0,60	0,80	0,69	0,80	0,79

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,85	0,69	0,58	0,83	0,95	0,77	0,80	0,77

AP 1,8/9,5%P



1,8 par. open area 9,5%
ALUM./STEEL from 0.5 to 0.7
Max coil width 900 mm
Max perf. width 800 mm

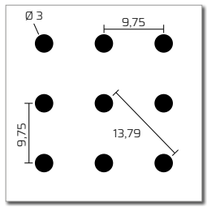
METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,59	0,43	0,85	0,87	0,69	0,75	0,77

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,58	0,31	0,60	0,80	0,69	0,81	0,82

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,70	0,53	0,78	0,90	0,73	0,78	0,77

QUASAR PERFORATION

AP 3/7,5%P

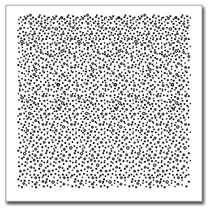


3 par. open area 7,5%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1250 mm
Max perf. width 1000 mm

METAL SOUND^{aw}						CLASS	D
AlphaW	NRC	125	250	500	1000	2000	4000
0,55	0,57	0,23	0,65	0,64	0,47	0,53	0,61

METAL SOFT^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,65	0,58	0,16	0,46	0,66	0,54	0,68	0,71

METAL LIFE^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,72	0,44	0,69	0,81	0,65	0,72	0,74



Open area 7%
ALUM./STEEL from 0.5 to 0.7
Max coil width 1000 mm
Max perf. width 800 mm

METAL SOUND^{aw}						CLASS	C
AlphaW	NRC	125	250	500	1000	2000	4000
0,75	0,59	0,37	0,80	0,86	0,66	0,72	0,73

METAL SOFT^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,80	0,65	0,37	0,71	0,85	0,74	0,82	0,78

METAL LIFE^{aw}						CLASS	B
AlphaW	NRC	125	250	500	1000	2000	4000
0,85	0,71	0,55	0,80	0,93	0,76	0,83	0,84

Italian selection products

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