



ATENA S.p.A. HAS A QUALITY  
MANAGEMENT SYSTEM CERTIFICATED  
BY RINA IN COMPLIANCE WITH  
ISO 9001

## STANDARD PERFORATION MULTILEVEL<sup>3D</sup> LINE RANGE

Atena S.p.A. has a complete range of perforations to combine with Multilevel<sup>3D</sup> Line staves.

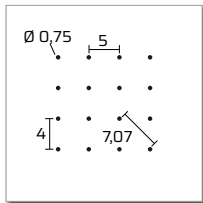
Multilevel<sup>3D</sup> Line is made with 5 staves different in height and width, which offer unlimited configuration thanks to their modularity. They are installed with a specific carrier with locking system, safe and easy to install, which leaves a 20 mm gap between the staves.

Multilevel<sup>3D</sup> Line has different options of perforation.

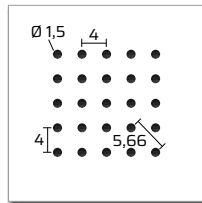
### Ø ≥ 0,75 ≤ 1,5 mm PERFORATIONS

#### PARALLEL

AD 0,75 / 2% P

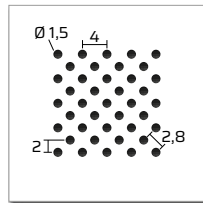


AD 1,5 / 11% P



#### DIAGONAL

AD 1,5 / 22% D



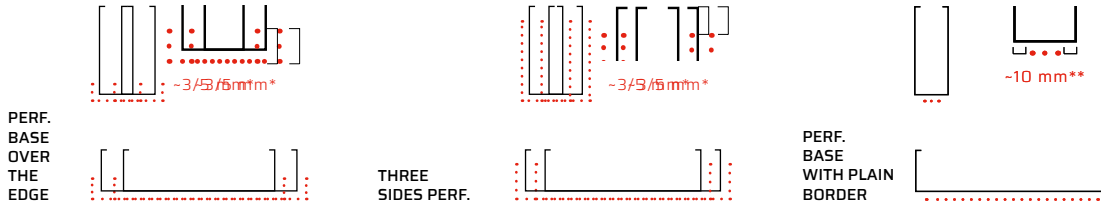
#### MATERIALS Steel-aluminum thicknesses

PERFORATION	THICK.			LN	LF
	0,5	0,6	0,7		
AD 0,75/2% P	•	•	NA	400	300
AD 1,5/11% P	•	•	•	400	300
AD 2/12,5% P	•	•	•	400	300
AD 2,5/15% P	•	•	•	400	300
AD 1,5/22% D	•	•	•	400	300
AD 2/25% D	•	•	•	400	300
AD 2,5/30% D	•	•	•	400	300
AD 3/14% D	NA	•	•	400	270

NA:  
Not available

LN:  
Max coil width

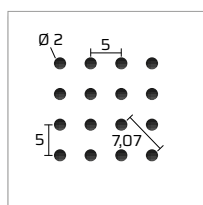
LF:  
Max perforation width



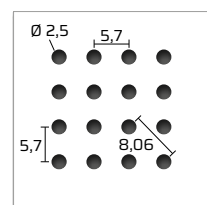
### Ø ≥ 1,8 ≤ 2 mm PERFORATIONS

#### PARALLEL

AD 2/12,5% P

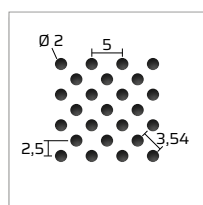


AD 2,5/15% P

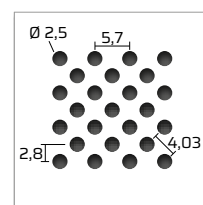


#### DIAGONAL

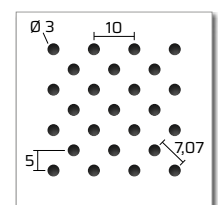
AD 2/25% D



AD 2,5/30% D



AD 2,5/30% D



SCALE DRAWING 1:1,5

