Metalworks Perforations Catalogue

Distributed by

GRAYKING INTERIOR SUPPLY

METALWORKS

Standard Perforation Patterns

M1 Plain Non Perforated

M10 Perforated
Hole diameter: 2.5mm
Open area: 16%

M2 Micro Perforated
Hole diameter: 1.5mm
Open area: 19%

M9 Straight Micro Perforated
Hole diameter: 1.5mm
Open area: 9.6%

Acoustical Solutions

Acoustic Fleece
For most general open plan areas, non-woven acoustic fleece provides a good level of absorbent performance. The acoustic fleece fitted to Armstrong metal ceiling tiles is heat bonded to the rear of the tile and optimises flow resistance characteristics for the best absorption results.

Premium B15 and B19 TOTAL ACOUSTICS
Specifically developed by our mineral ceilings division for use with the Armstrong METALWORKS products, Premium B 15 and B19 are TOTAL ACOUSTICS infill solutions that combine high absorption (NRC) + high sound attenuation (CAC) performance.

Typical sound absorbtion values
NRC up to 0.75 with Acoustical Fleece
NRC up to 0.60 with "B15" Mineral Acoustic Infill
NRC up to 0.70 with “B19” Mineral Acoustic Infill
NRC up to 0.90 with 15mm Glasswool Acoustical Infill
Typical sound attenuation values
CAC up to 18dB with Acoustical Fleece
CAC up to 38dB with “B15” Mineral Acoustical Infill
CAC up to 40dB with “B19” Mineral Acoustical Infill

NRC + CAC = Total Acoustics Performance™

Colour

Powder Coat Finish

Electro-statically applied and oven cured, powder coat finishes have a greater film thickness than wet paint applications or products manufactured from pre-painted steel coil, and give a more durable and impact resistant surface.

Global White

Satin White

Wood Effects available

It is recommended that colours are selected from Interpon or Dulux Powder Coat range

Note: Due to printing limitations, shades may vary from actual product.

Light Reflectance

Pattern	Satin White	Global White
M1 Plain Non Perforated	85%	75%
M3 Extra Micro Perforated with black acoustic fleece	80%	70%
M10 Perforated with black acoustic fleece	70%	65%
M2 Micro Perforated with black acoustic fleece	65%	60%

Measured in accordance with EN ISO 7742-2 and EN ISO 7742-3.

Armstrong MetalWorks Perforation Patterns

Rg0702 | Open Area 2.00%

Rg0801 | Open Area 1.60%

Rg1714 | Open Area 14.00%

Rd1514 | Open Area 14.20%

Rd2010 | Open Area 9.90%

Rd2019 | Open Area 19.40%

Rv0807 | Open Area 7.00%

Rv2005 | Open Area 5.30%

Rv2010 | Open Area 10.00%

Rv2015 | Open Area 14.50%

Rd2019 | Open Area 19.40%

Rg2020 | Open Area 19.60%

See Table on Page 6 for Perforation Code Rule.

Armstrong MetalWorks Perforation Patterns

Rv2025 | Open Area 25.10%

Rv2523 | Open Area 22.70%

Rv3023 | Open Area 22.70%

Rv3921 | Open Area 20.80%

Rv3033 | Open Area 32.70%

Rv3231 | Open Area 30.70%

Rv4013 | Open Area 13.40%

Rv5516 | Open Area 16.30%

Rv6017 | Open Area 16.60%

Rv1249 | Open Area 49.00%

Rv6050 | Open Area 49.80%

Rv6340 | Open Area 40.50%

See Table on Page 6 for Perforation Code Rule.

Armstrong MetalWorks Perforation Patterns

Rv8040 | Open Area 40.30%

Rg4035 | Open Area 34.90%

Rv7051 | Open Area 50.80%

Lg05050 | Open Area 50.00%

Lg06028 | Open Area 28.00%

Lg21050 | Open Area 50.00%

Qg1044 | Open Area 44.40%

Qv5029 | Open Area 29.60%

Rg2053 | Open Area 52.90%

Rg7544 | Open Area 45.00%

Pg4313 | Open Area 13.00%

See Table on Page 6 for Perforation Code Rule.

Perforation Coding Rule

R	– d	– 20	– 19
Hole	Pattern	Dia of hole (mm)	Open area %
R: round	g: straight	2=20	19.4=19
Q: square	d: staggered (45 degree Angle)	0.7=07	50.8=51
L: oval	v: staggered (60 degree Angle)	2.5=25	(Rounding principle
P: hexagon		3.25=32 ¢4.5X21=21	

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AWP0921 | Produced 20 September 2021

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