

METAL CLIP-IN

METAL Q-CLIP, METAL Q-CLIP F, METAL S-CLIP F, METAL T-CLIP F

Square and rectangular tiles available in a variety of perforations and edge details for installation using Armstrong U-Profile + DP12 A-Bar and C-Channel + Spring-T suspension systems.

Key features

- Plain, monolithic surface, with no gap
- Downwardly demountable with demounting tool
- Can be installed in low ceiling void
- System height approximately 100mm
- Easy to clean surface
- For easy access, Metal Q-Clip and Metal Q-Clip F products can be ordered with the 'window' swing down function
- All CLIP-IN products (except Metal S-Clip F) can be locked by a separate security clip
- Tiles available with square edge option
  METAL Q-Clip: square edged
  METAL Q-Clip F / METAL S-Clip: 3 mm bevel
  METAL T-Clip F: 5 mm bevel

Application areas

Used in a variety of ceiling areas: from small service rooms to large commercial office buildings and major transportation terminals.

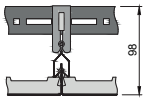
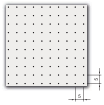
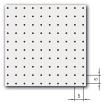
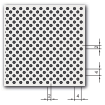
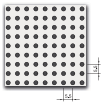
EDUCATION - Learning Commons Building - Manchester University (UK)
Metal T-Clip F



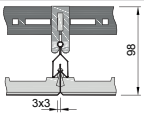
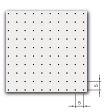
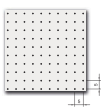
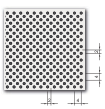
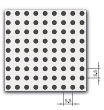
Inspiring Great Spaces®

Armstrong® CEILING SOLUTIONS

METAL Q-CLIP

EDGE DETAIL	METAL Q-CLIP
	
MODULES (mm)	600 x 600 ..... 3809M ..... 4955M ..... 2094MF ..... 3811MF 3810MF
	Unperforated 
	Ultra Microperforation Rg 0501 Ø: 0.5 mm Open area: 0.64 % 
	Extra Microperforation Rg 0701 Ø: 0.7 mm Open area: 1.5 % 
	Microperforation Rd 1522 Ø: 1.5 mm Open area: 22% with 20 mm Unperforated border 
	Standard Perforation Rg 2516 Ø: 2.5 mm Open area: 16% with 20 mm Unperforated border 
ACOUSTIC INFILLS	----M = No infill ----MF = Acoustic fleece
SUSPENSION SYSTEMS	U-Profile + DP12 A-Bar
COLOURS	 RAL 9010  Global White  RAL 9006  RAL 9007

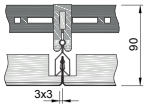
METAL Q-CLIP F

EDGE DETAIL	METAL Q-CLIP F
	
MODULES (mm)	500 x 500 ..... 2059M ..... 4956M ..... 2086MF ..... 2078MF ..... 2069MF 600 x 600 ..... 2056M ..... 4957M ..... 2083MF ..... 2076MF ..... 2067MF 600 x 300 ..... / ..... 4958M ..... 2085MF ..... 2077MF ..... 2068MF 625 x 625 ..... 2056D ..... 4957D ..... 2083DF ..... 2076DF ..... 2067DF 625 x 312.5 ..... 2058D ..... 4958D ..... 2085DF ..... 2077DF 2068DF
	Unperforated 
	Ultra Microperforation Rg 0501 Ø: 0.5 mm Open area: 0.64 % 
	Extra Microperforation Rg 0701 Ø: 0.7 mm Open area: 1.5 % 
	Microperforation Rd 1522 Ø: 1.5 mm Open area: 22% with 20 mm Unperforated border 
	Standard Perforation Rg 2516 Ø: 2.5 mm Open area: 16% with 20 mm Unperforated border 
ACOUSTIC INFILLS	----M = No infill ----MF = Acoustic fleece
SUSPENSION SYSTEMS	U-Profile + DP12 A-Bar
COLOURS	 RAL 9010  Global White  RAL 9006  RAL 9007

METAL S-CLIP F

EDGE DETAIL

METAL S-CLIP F



MODULES (mm)

600 x 600 ..... 2091M	.....4959M	2770MF / MP / MPOP/ 4959M	...2093M / MF / MP / MPOP	...2092M / MF / MP / MPOP
300 x 900 ..... 3706M	.....	.....3715MF / MP / MPOP	...3712M / MF / MP / MPOP	...3709M / MF / MP / MPOP
300 x 1200 ..... 3707M	.....	.....3716MF / MP / MPOP	...3713M / MF / MP / MPOP	...3710M / MF / MP / MPOP
300 x 1500 ..... 3708M		.....3717MF / MP / MPOP	...3714M / MF / MP / MPOP	...3711M / MF / MP / MPOP

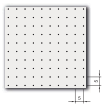
PERFORATIONS

Unperforated



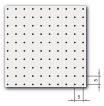
Ultra Microperforation Rg 0501

Ø: 0.5 mm
Open area: 0.64 %



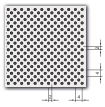
Extra Microperforation Rg 0701

Ø: 0.7 mm
Open area: 1.5 %



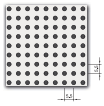
Microperforation Rd 1522

Ø: 1.5 mm
Open area: 22%
with 20 mm
Unperforated border



Standard Perforation Rg 2516

Ø: 2.5 mm
Open area: 16%
with 20 mm
Unperforated border



ACOUSTIC INFILLS

----M = No infill ----MF = Acoustic fleece ----MP = Premium B15 ----MPOP = Premium OP19

SUSPENSION SYSTEMS

U-Profile + DP12 A-Bar

COLOURS



RAL 9010



Global White



RAL 9006

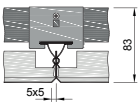


RAL 9007

METAL T-CLIP F

EDGE DETAIL

METAL T-CLIP F



MODULES (mm)

500 x 500 ..... 9301M	.....2746MF / MP / MPOP	.....9428M / MF / MP / MPOP	.....9309M / MF / MP / MPOP
600 x 600 ..... 9300M	.....2744MF / MP / MPOP	.....9337M / MF / MP / MPOP	.....9308M / MF / MP / MPOP
600 x 300 ..... /	.....2747MF / MP / MPOP	.....4332M / MF / MP / MPOP	.....4311M / MF / MP / MPOP
675 x 675 ..... 2052M	.....2745MF / MP / MPOP	.....2054M / MF / MP / MPOP	.....2053M / MF / MP / MPOP
750 x 750 ..... 2575M	.....2756MF / MP / MPOP	.....2577M / MF / MP / MPOP	.....2576M / MF / MP / MPOP
Additional rectangular modules available			
300 x 1200 ..... 4314M	.....2748MF / MP / MPOP	.....9430M / MF / MP / MPOP	.....9312M / MF / MP / MPOP
600 x 1200 ..... 9304M	.....2750MF / MP / MPOP	.....4316M / MF / MP / MPOP	.....4315M / MF / MP / MPOP
300 x 1500 ..... 9305M	.....2749MF / MP / MPOP	.....9431M / MF / MP / MPOP	.....9313M / MF / MP / MPOP

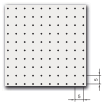
PERFORATIONS

Unperforated



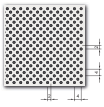
Extra Microperforation Rg 0701

Ø: 0.7 mm
Open area: 1.5 %



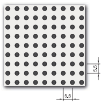
Microperforation Rd 1522

Ø: 1.5 mm
Open area: 22%
with 20 mm
Unperforated border



Standard Perforation Rg 2516

Ø: 2.5 mm
Open area: 16%
with 20 mm
Unperforated border



ACOUSTIC INFILLS

----M = No infill ----MF = Acoustic fleece ----MP = Premium B15 ----MPOP = Premium OP19

SUSPENSION SYSTEMS

C-Channel + Spring T

COLOURS



RAL 9010



Global White



RAL 9006



RAL 9007

METAL CLIP-IN

SUSTAINABILITY



≤30



A+



E1



ACOUSTICS


EN ISO 10848-2 & EN ISO 717-1


EN ISO 140-3 & EN ISO 717-1


EN ISO 354 & EN ISO 11654

					Hz α_P						
	D_{nfw}	R_w	α_w	Class	NRC	125	250	500	1000	2000	4000
• Unperforated	**44 dB**	**19 dB**	**0.10(L)**	NC	0.10	0.25	0.15	0.05	0.05	0.10	0.10
• Ultra Microperforation Rg 0501	**18 dB**	**8 dB**	**0.45(L)**	D	0.55	0.25	0.65	0.65	0.40	0.40	0.35
• Extra Microperforation Rg 0701 + Fleece	**21 dB**	**10 dB**	**0.55(L)**	D	0.65	0.45	0.70	0.70	0.55	0.55	0.45
• Extra Microperforation Rg 0701 + B15	**40 dB**	**20 dB**	**0.70**	C	0.60	0.40	0.45	0.55	0.70	0.80	0.70
• Extra Microperforation Rg 0701 + OP19	**31 dB**	**15 dB**	**0.65**	C	0.75	0.50	0.70	0.80	0.75	0.70	0.50
• Microperforation Rd 1522	**13 dB**	**5 dB**	**0.15**	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
• Microperforation Rd 1522 + Fleece	**16 dB**	**6 dB**	**0.70**	C	0.70	0.30	0.65	0.90	0.65	0.70	0.75
• Microperforation Rd 1522 + B15	**41 dB**	**18 dB**	**0.60(H)**	C	0.60	0.40	0.40	0.50	0.65	0.75	0.90
• Microperforation Rd 1522 + OP19	**27 dB**	**12 dB**	**1.00**	A	0.90	0.50	0.80	0.95	0.95	1.00	1.00
• Standard Perforation Rg 2516	**13 dB**	**5 dB**	**0.15**	E	0.10	0.05	0.10	0.10	0.10	0.15	0.20
• Standard Perforation Rg 2516 + Fleece	**18 dB**	**8 dB**	**0.75(L)**	C	0.80	0.35	0.80	0.95	0.70	0.75	0.75
• Standard Perforation Rg 2516 + B15	**28 dB**	**18 dB**	**0.60(H)**	C	0.60	0.40	0.45	0.50	0.65	0.75	0.90
• Standard Perforation Rg 2516 + OP19	**28 dB**	**13 dB**	**0.95**	A	0.90	0.50	0.80	0.95	0.90	1.00	0.95

FIRE REACTION



EEA	White RAL 9010	
EN 13501-1	Unperforated / Perforated + no infill	A1
	Perforated + Premium B15	A2-s1,d0
	Perforated + acoustic fleece	A2-s2,d0
	Perforated + Premium OP19	A2-s2,d0

For other colours / perforations, please contact us.

RUS	KM1 (G1, V1, D1, T1)
FZ 123	

OTHER PERFORMANCES & FEATURES


Unperforated: 85%
Rg 0501: 83%
Rg 0701: 80%
Rg 2516: 70%
Rd 1522: 65%


EN 12667 & ISO 8301

λ = 0.244 W/m K
(unperforated / perforated + no infill)
λ = 0.163 W/m K (perforated + fleece)
λ = 0.0731 W/m K (perforated + Premium B15)


95% RH



≃ 5.2 kg/m²


METAL Q-Clip /
METAL Q-Clip F unperforated
= ISO 3











30 YEAR system guarantee

CUSTOM OPTIONS


Colours


Perforations


BioGuard


TrioGuard


Effects


Acoustic infills


Security


Seismic


Swing-Down Function


Exterior solutions

Not all custom options may be available on all products / systems / dimensions.
For further information about custom metal, please contact us.