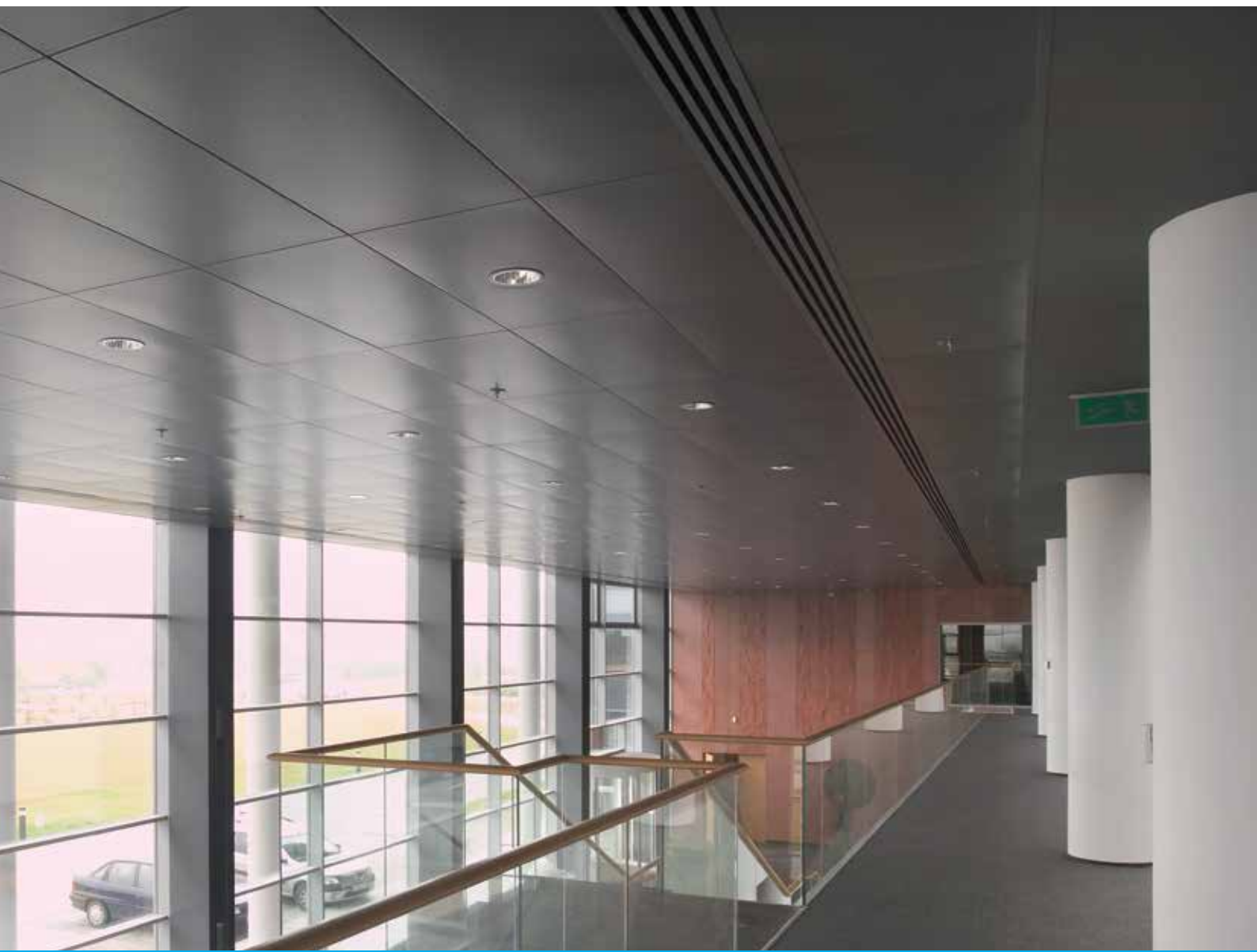


R-H 215 SYSTEM Rectangular Panels/Planks





BENEFITS

- Versatile system and simple design
- Concealed grid for a monolithic effect
- Good acoustic properties
- Ease of installation (alignment) and fully demountable
- Easy access to the ceiling void
- Maintenance friendly system

APPLICATION AREA

- Suitable for large open plan / circulation areas



COLOUR SELECTION



Global White



RAL Colors[#]

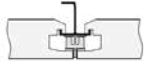

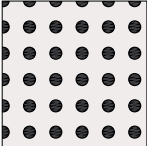
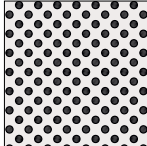



Wood Grain Colors[#]

[#] Available on request

PHYSICAL DATA

STANDARD PERFORATION PATTERNS

R-H 215	Plain	Standard Perforated	Microperforated	Microperforated
	 No perforations	 2.5 mm dia. holes 16% Open area	 1.5 mm dia. holes 18% Open area	 1.8 mm dia. holes 20% Open area
Galvanised Steel (0.6/0.7mm) Aluminium (1.0mm) Panel length (A) 600 - 3000 mm Panel width (B) 275 - 750 mm	✓ ✓	✓ ✓	✓ ✓	✓ ✓



NRC 0.70



EEA Euroclass A2-s2, d0



95% RH

SPECIFICATION

System	Armstrong ceiling system R-H 215, Hook-On solution with concealed grid,
Panel material	galvanised steel sheet panel width up to 400 mm 0.6 mm panel width from 401 mm 0.7 mm (aluminium or further materials on request)
Coating	Global white post-coated powder painted visible surface, other RAL colours on request
Execution*	rectangular panel square edged long sides CA / DA (40 - 55 mm) short sides E8 / F8 (12 mm)
Gap solution	3 mm gap, with black gasket on one long and one short side
Acoustic inlay	Black non-woven acoustic fleece as standard. Other options available on request.
Configurable dimensions	panel length (A) 600 - 3000 mm panel width (B) 275 - 750 mm
Grid system	U-profile + ONE BAR, security bracket optional available, further suspension methods on request
Perimeter solution	Range of standards trims in steel and aluminium plus custom bulkheads available.

* For further information about the edge detail execution of metal tiles, please see the Metal Edge Detail Execution datasheet

Service integration	standard round or rectangular cut-outs plus customized options on request.
Special capabilities	- trapezoidal panel solution - faceted ceiling solution - can be combined with other Armstrong products



SPECIFICATIONS

ACOUSTIC PERFORMANCE

Metal ceiling systems have been tested for their acoustic performance of sound absorption. All perforated products can be supplied with a variety of factory fitted acoustic infill options. Please contact us for more information.

THERMAL CONDUCTIVITY

(λ) W/mK

50.0 : Steel

0.04 : Acoustic fleece

HUMIDITY EXPOSURE

Up to 95% RH (for short term exposure).

SERVICES INTEGRATION

Metal panels can be supplied with factory produced cut outs and apertures for the integration of building services equipment.

CLEANING







Dust should be removed from the painted surface by wiping with a clean soft cloth. More stubborn marks should be removed with a mild household detergent in warm water. Excessive use of water should be avoided. The use of abrasive cleaners of the painted surface is not recommended.

QUALITY STANDARD

Armstrong is a certified EN ISO 9001:2008 Quality Assumed Manufacturer. All Armstrong ceiling and grid systems are manufactured to the relevant tolerances and quality standards appropriate to material. Where differences exist between this and any expressed or implied architectural specifications or requirements then Armstrong's manufacturing standards will prevail unless stated otherwise.

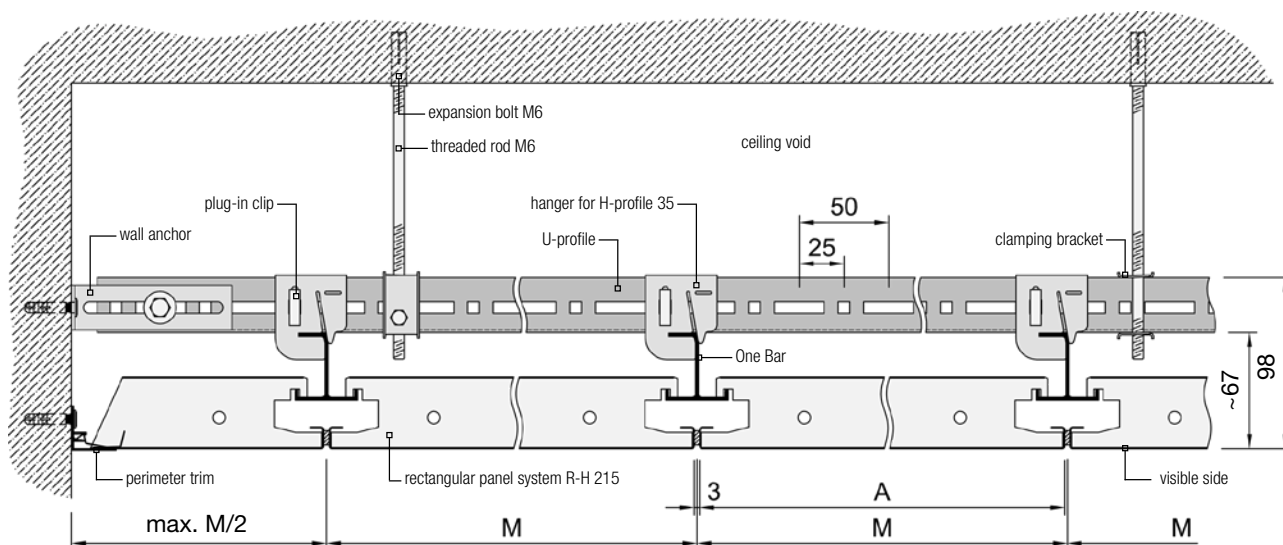
ENVIRONMENTAL

Our metal panels have an average of up to 30% recycling content. Armstrong is a member of TAIM (Technical Association of Industrial Metal Ceilings).

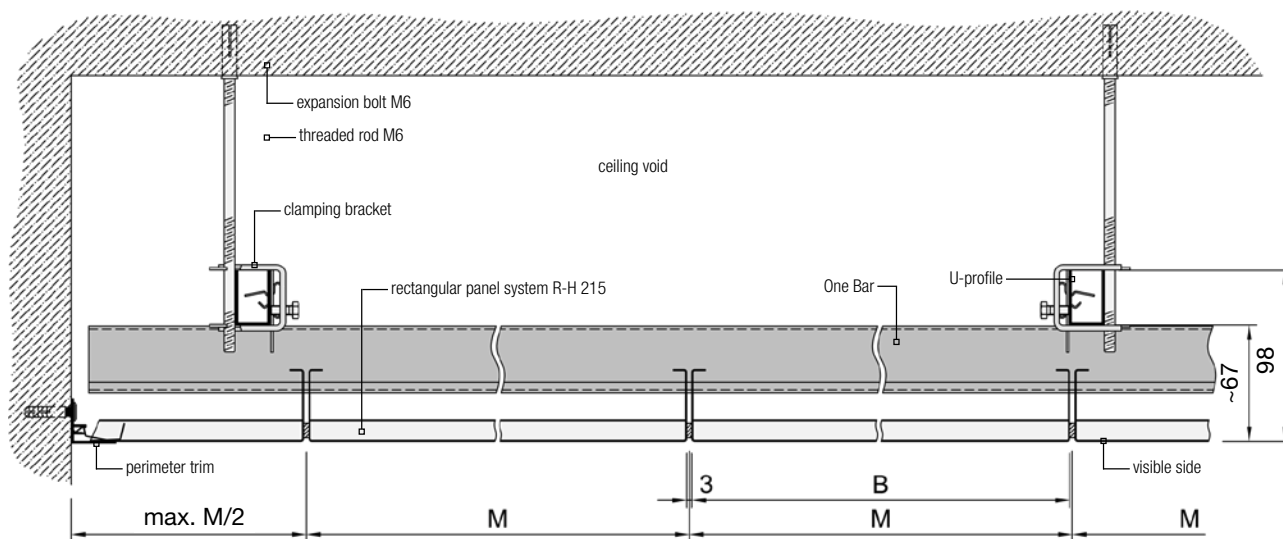
	Sustainability		Acoustics					Safe & Healthy				
												
	Recycled content (%)	Light reflectance (%)	a _w up to	Sound absorption class	NRC up to	Dncw / Dnfw (dB) up to	Rw (dB) up to	Fire reaction	Humidity Resistance (%) up to	Cleanability	Bioguard paint option	Scratch resistance
Microperforation Rd 1522 (2)	up to 30	65	0.70	C	0.70	16	6	A2-s2, d0	95	wipeable moist cloth (3)		✓
Standard Perforation Rg 2516 (2)	up to 30	70	0.75(L)	C	0.80	18	8	A2-s2, d0	95	wipeable moist cloth (3)		✓
Plain / Unperforated (1)	up to 30	85	0.10(L)	Not Classified	0.10	44	19	A1	95	scrubbable	✓	✓
Microperforation Rd 1820 (2)	up to 30	65	0.70	C	0.70	16	6	A2-s2, d0	95	wipeable moist cloth (3)		✓

(1) Global White colour, without acoustic inlay. (2) Global White colour, with black acoustic fleece glued on rear. (3) Wipeable moist cloth for perforated tiles with fleece. Scrubbable for plain tiles or perforated tiles without fleece.

CROSS-SECTION



LONGITUDINAL-SECTION



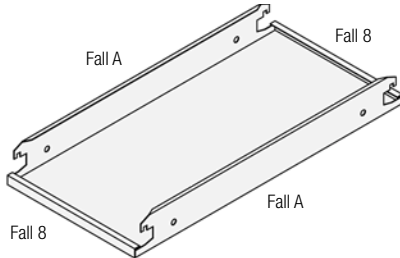
M = module size / A = panel length / B = panel width

Item No.	Designation
IND 300100	U-profile
IND 300119	connector for U-profile
BPM 300120	plug-in clip
IND 300140	wall anchor
IND 300121	clamping bracket
-	expansion bolt M6 x 30 mm
-	threaded rod M6 x 1'000 mm

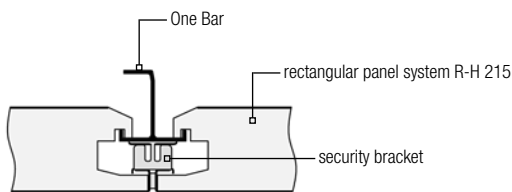
Item No.	Designation
IND 311400	One Bar
IND 300343	connector for H-profile 35
IND 300307	hanger for H-profile 35
BPM 311303	hexagonal bolt M6 x 16 mm
-	hexagonal nut M6
-	washer M6 18 x 1.6 mm
IND 300216	security bracket

PANEL & GRID DETAIL

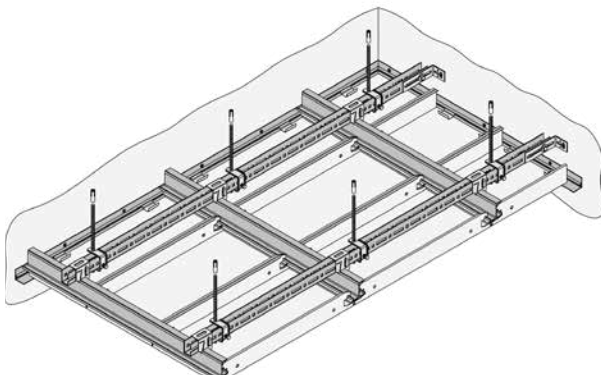
Detail A R-H 215 panel



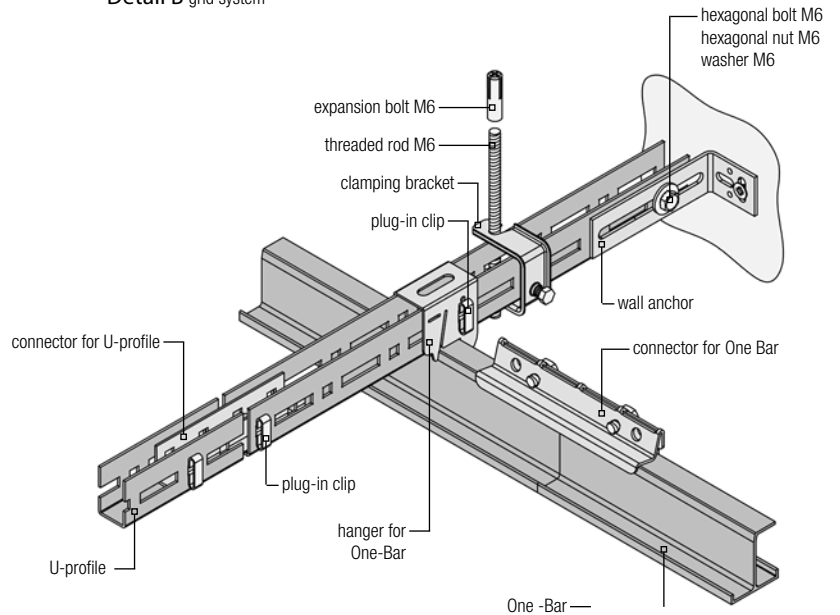
Detail C security bracket



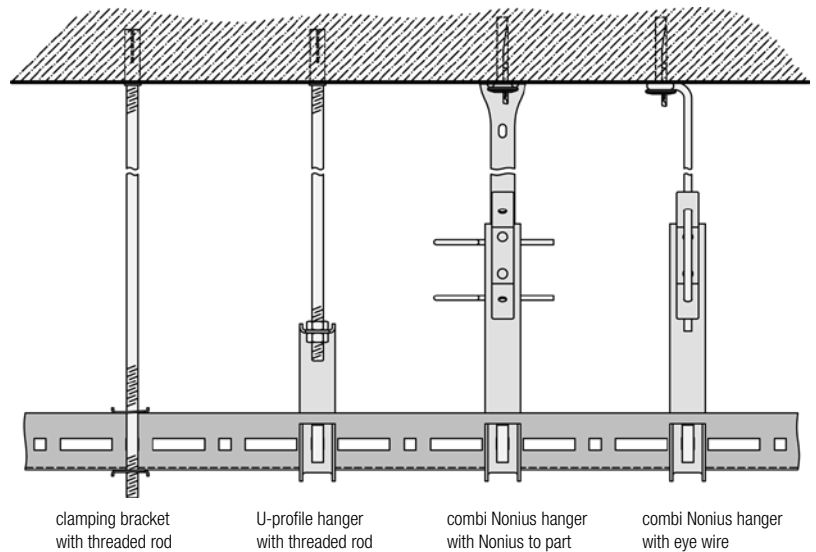
For further information about the edge detail execution of metal tiles, please see the Metal Edge Detail Execution datasheet



Detail B grid system



Detail D suspension methods



CONTACT US

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