

## B-H 300 SYSTEM Linear Grid



PROJECT: Palazzo Uffici, Milano (IT)  
ARCHITECT: Genius Loci Architettura s.r.l

#### BENEFITS

- Combining functionality with stylish simplicity
- Creates a linear visual effect
- C-profiles alignment with partitions to help fixing/support for partitions
- Configurable panel dimensions possible
- Factory cut-outs for services available on request
- Various design options for the profile and panel (linear, radial, crossed)
- Easy access to the ceiling void

#### APPLICATION AREAS

- Used in large office environments and flexible with partitioning systems...
- Transportation
- Entryways, lobbies, high traffic areas



#### COLOUR SELECTION



Global White



RAL colors<sup>#</sup>

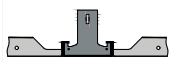

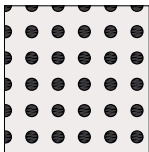
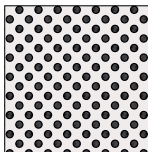
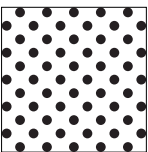


Wood Grain  
Colors<sup>#</sup>

<sup>#</sup> Available on request

# PHYSICAL DATA

## STANDARD PERFORATION PATTERNS

B-H 300	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 (0.7mm) Aluminium (1.0mm) Panel length (A) 600 - 3000 mm Panel width (B) 275 - 750 mm	✓ ✓	✓ ✓	✓ ✓	✓ ✓



NRC 0.70



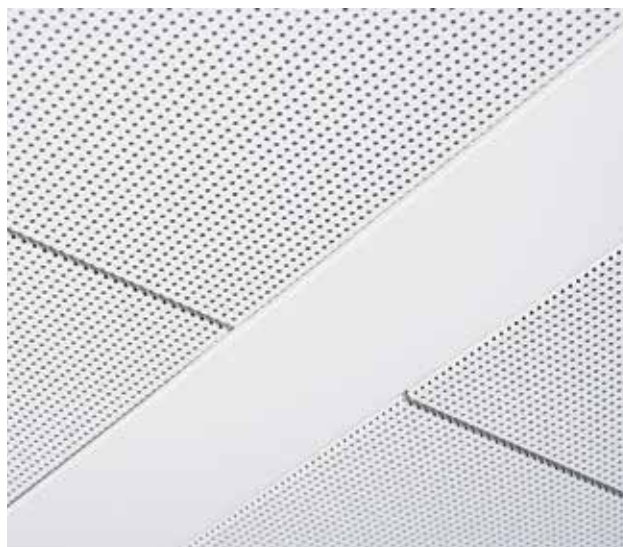
EEA Euroclass A2-s2, d0



95% RH

System	Armstrong ceiling system B-H 300, Hook-On solution with visible grid, with optional swing-down "Window» function, suspension height min. 300 mm
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 (30 - 55 mm) short sides E1 / F1 (30 mm)
Gap solution	3 mm gap, with black gasket one long and 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 + C-profile 100 mm Further suspension methods on request
Perimeter solution	Range of standards trims in steel and aluminium plus custom bulkheads available

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



# SPECIFICATION

## ACOUSTIC PERFORMANCE

Metal ceiling systems have been tested for their acoustic performance in terms of sound absorption, sound attenuation and sound reduction. These performance values will depend upon the perforation and the acoustic infill. Please contact us for more information on the available factory fitted acoustic options.

## 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

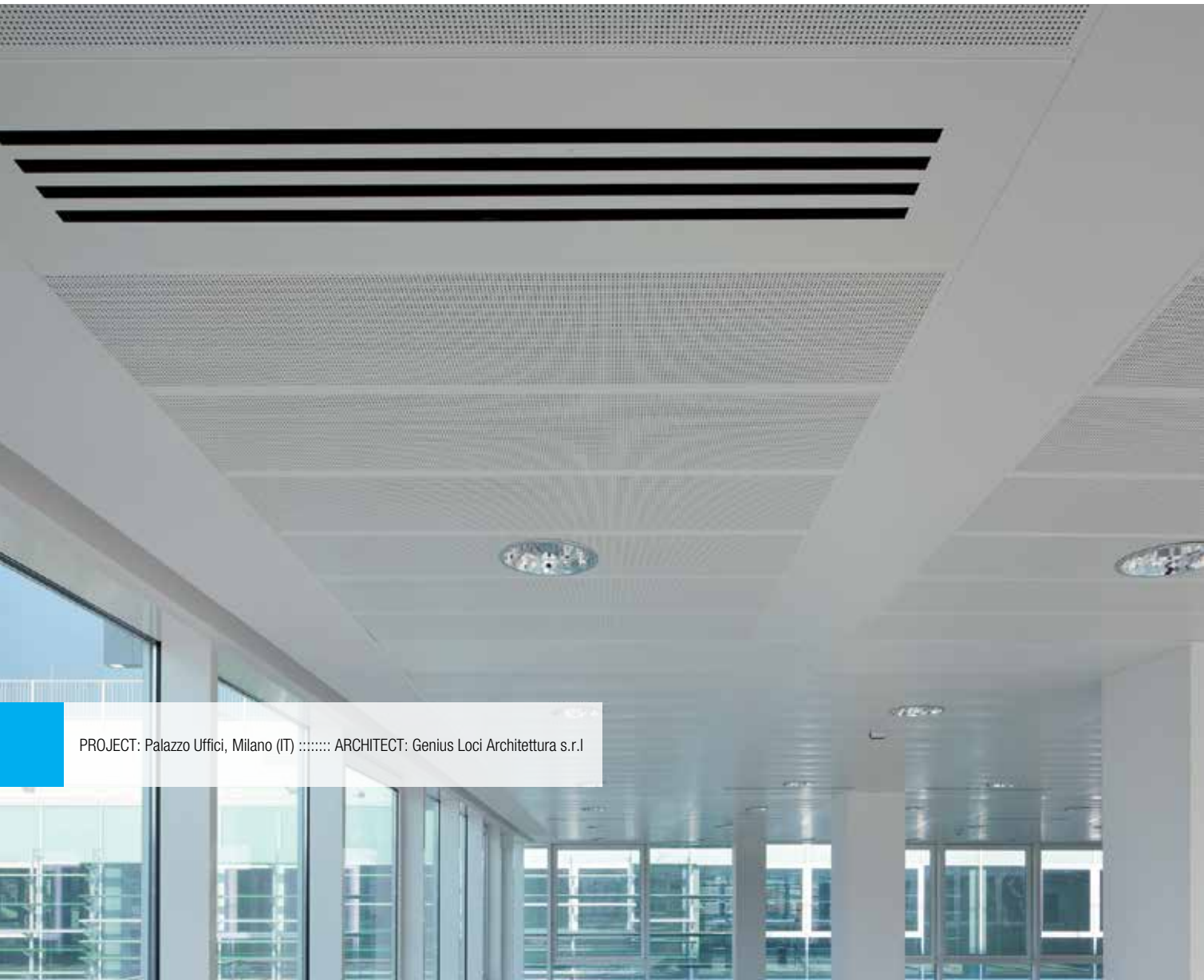
Dust should be removed from the painted surface by wiping with a clean soft cloth. More stubborn marks should be removed with a mild household detergent in warm water. Excessive use of water should be avoided. The use of abrasive cleaners of the painted surface is not recommended.

## QUALITY STANDARD

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 of requirements then Armstrong's manufacturing standards will prevail unless stated otherwise.

## ENVIRONMENTAL

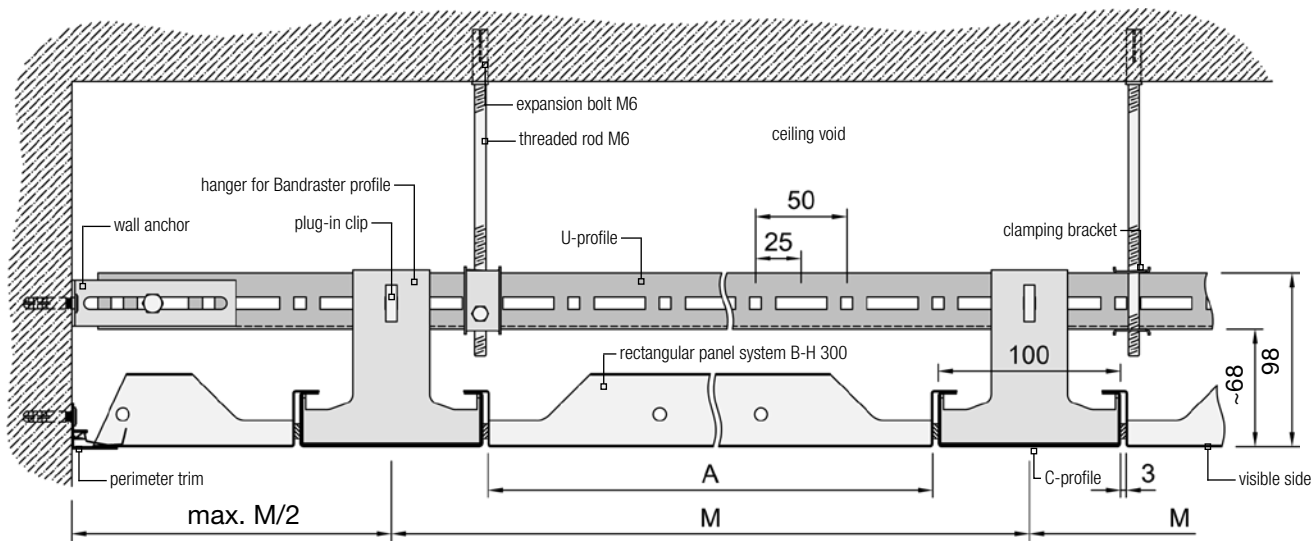
Our metal panels have an average of up to 30% recycling content. Armstrong is a member of TAIM (Technical Association of Industrial Metal Ceilings).



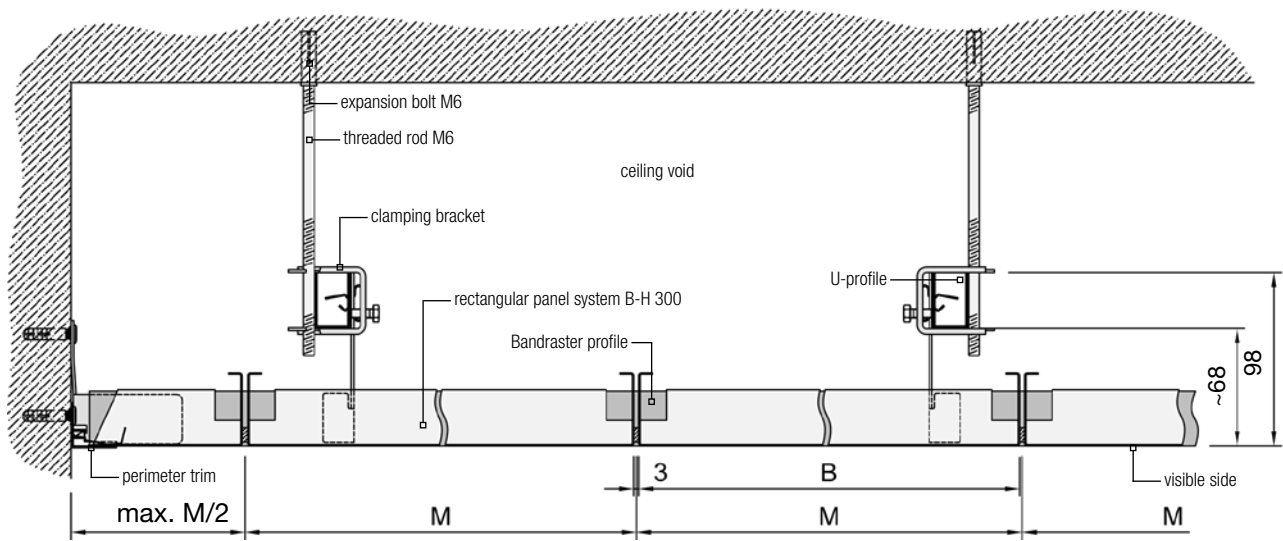
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# CROSS - SECTION



# LONGITUDINAL - SECTION



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

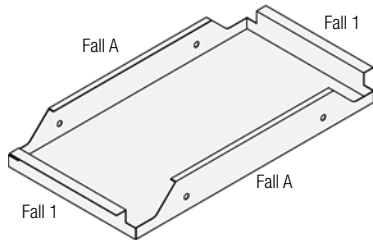
Item No.	Designation
IND 300100	U-profile
IND 300119	connector for U-profile
BPM 300120	plug-in clip
IND 300140	wall anchor
IND 300121	clamping bracket
IND 215500	C-profile 100 mm

Item No.	Designation
IND 311067	connector for C-profile
IND 300118G	hanger for C-profile
IND 300144	wall anchor for C-profile

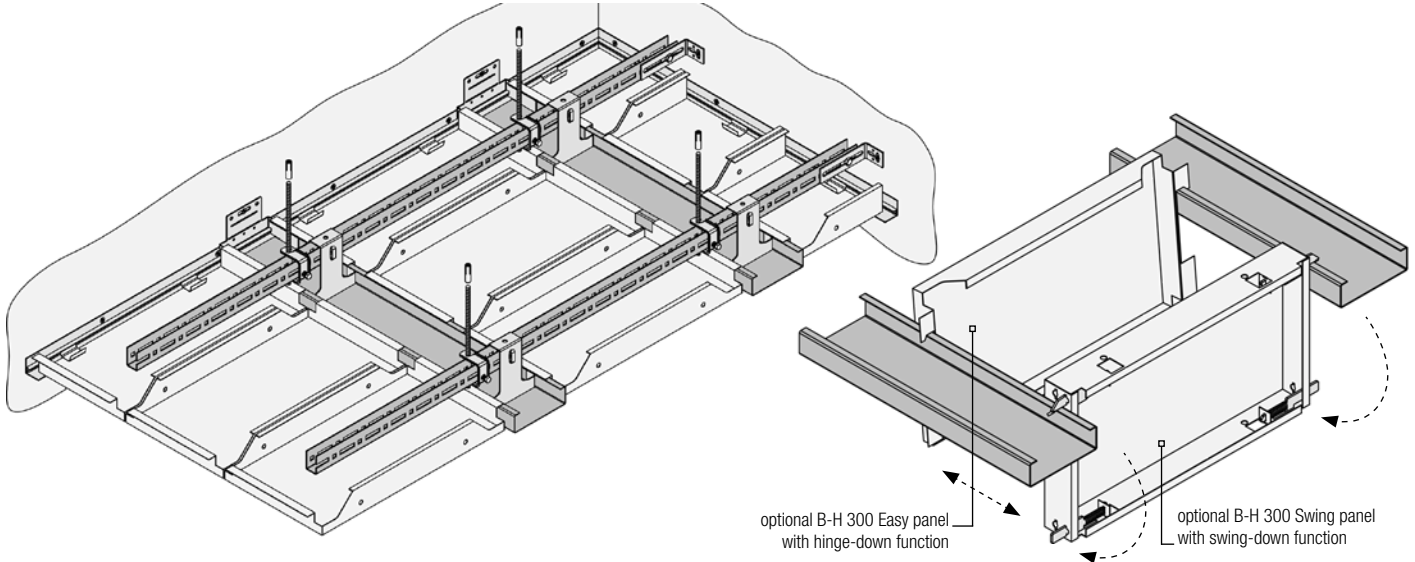
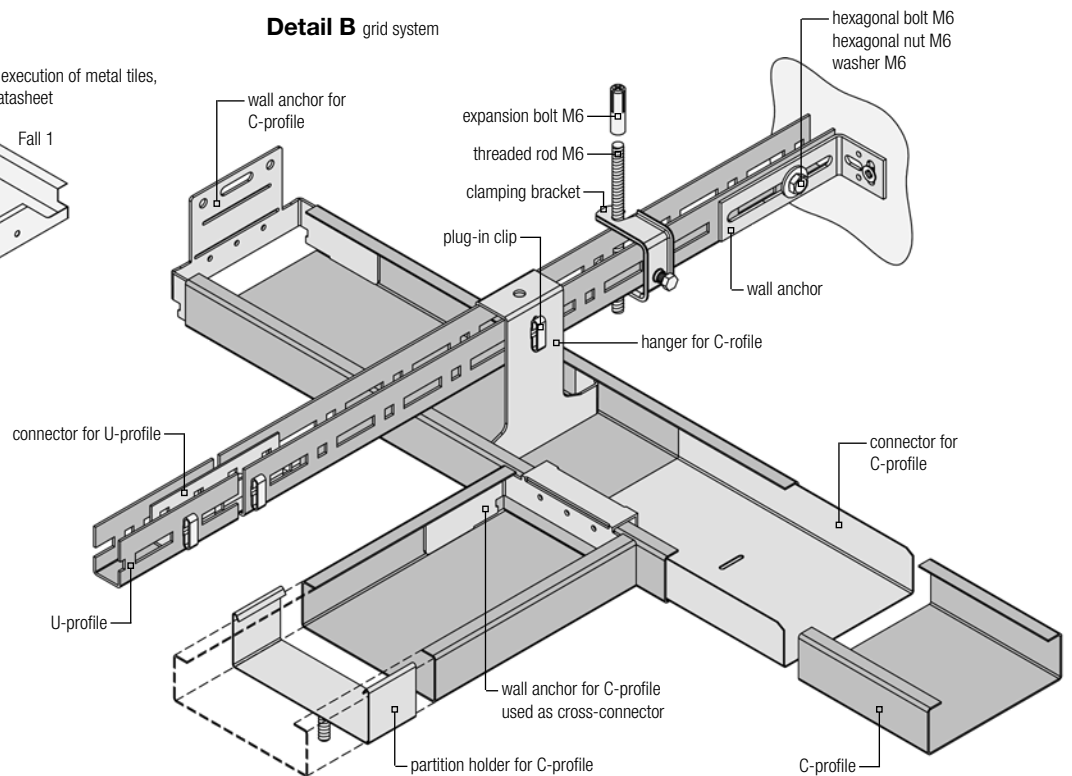
## PANEL & GRID DETAIL

### Detail A B-H 300 panel

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



### Detail B grid system



## CONTACT US

**Armstrong World Industries (India) Pvt. Ltd.**

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