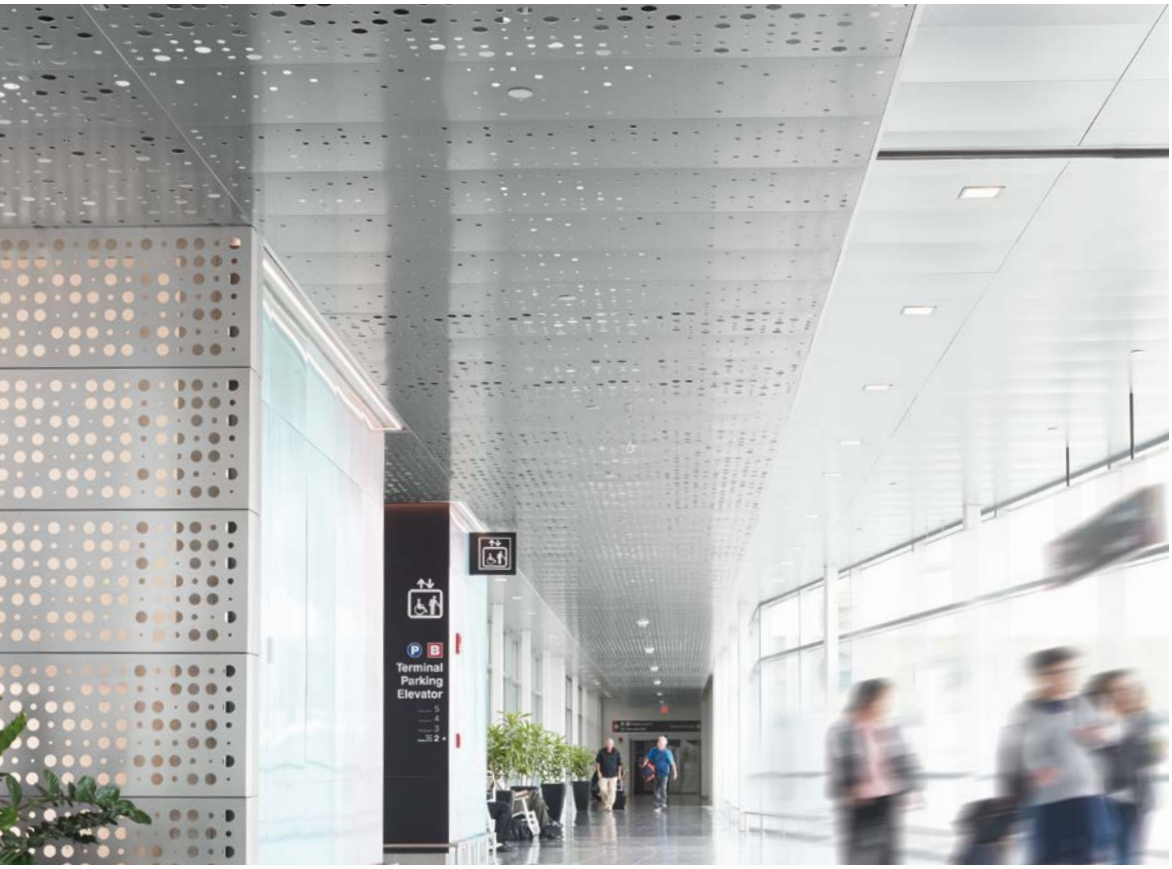
METALWORKS™ RH200

Custom Ceiling Flat & Curved Systems

smooth texture

Now with Create! Custom Perforations



MetalWorks™ RH200 custom ceiling and wall panels with custom perforation

CREATE!™

CUSTOM PERFORATIONS



Art and acoustics blend with MetalWorks™ Create!™ custom perforated panels. More at:
armstrong.com/metalworkscreate

plus capabilities to do more



armstrong.com/capabilities
See more photos at:
armstrong.com/photogallery

The MetalWorks™ RH200 aluminum and steel ceiling systems are versatile custom systems for metal plank designs offering a broad range of panel sizes, perforations, and finishes.

KEY SELECTION ATTRIBUTES

- Available in 17 Effects™ wood-look finishes
- Wide choice of standard and custom perforations
- Accessible system utilizes J-Bar suspension with rectangular hook-on (RH) panel
- Panel dimensions range from 9" – 24" wide and up to 96" long. Other sizes are available.
- Curved metal panels can be convex or concave (interior only)
- Fully concealed suspension system
- 3mm reveal joint detail with a variety of perimeter options
- Factory cutouts available for recessed lights and sprinklers
- Engineered and tested for use in seismic zones
- Steel used for interior and exterior applications
- Aluminum used for interior applications only

Custom mesh patterns and finishes available. Refer to MetalWorks Mesh Lay-in Data Page for more information.



Explore the MetalWorks™ Mesh Capabilities Brochure

TechLine 877 276-7876
armstrong.com/metalworks

Armstrong®
World Industries

METALWORKS™ RH200

Custom Flat & Faceted Ceiling Systems

smooth texture

RECYCLED CONTENT
UP TO **85%**

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

STANDARD COLORS & FINISHES

Due to printing limitations, shade may vary from actual product.

MetalWorks™ – Painted

Whitelume (WHA)


Silverlume (SIA)


Gun Metal (MYA)


Satin Anodized (SAA)


Lacquer Mill (LMA)


Brushalume (BAA)

MetalWorks™ – Steel

White (WH)


Silver Grey (SG)


Gun Metal Grey (MY)

Effects™ Classic Dye-Sublimation


Effects Cherry (FXCH)


Effects Dark Cherry (FXDC)


Effects Oak (FXOK)

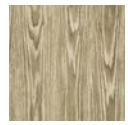

Effects Walnut (FXWN)


Effects Walnut Espresso (FXWE)

Effects™ Bold Dye-Sublimation


Effects Sea Salt (FXSS)


Effects Ginger (FXGR)


Effects Nutmeg (FXNM)


Effects Poppy Seed (FXPS)


Effects Peppercorn (FXPC)


Effects Almond (FXAL)

Effects™ Subtle Dye-Sublimation


Effects Sesame (FXSE)


Effects Macadamia (FXMA)


Effects Cinnamon (FXCM)


Effects Flax (FXFL)


Effects Cocoa Bean (FXCB)

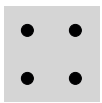

Effects Coriander (FXCO)

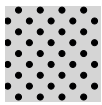
Effects finishes are standard in 24" × 48" with 1/4" reveal panels in M1 and M16.
Contact AS Quote for custom size and perforation options.

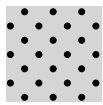
STANDARD PERFORATION OPTIONS

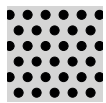
(1:2 scale shown)

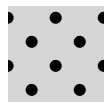
M1 (Unperforated)

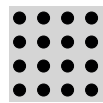

M14 (Rg 3205)


M15 (Rd 1612)


M16 (Rd 1607)


M17 (Rv 3223)


M18 (Rd 3210)


M19 (Rg 3220)

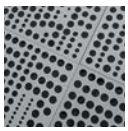
CUSTOM COLORS

Due to printing limitations, shade may vary from actual product.


Custom Colors Available

For custom options contact ASQuote,
ASQuote@armstrong.com

PERFORATION OPTIONS







Custom mesh patterns and finishes available. Refer to MetalWorks Mesh Lay-in Data Page for more information.

METALWORKS™ RH200

Custom Flat & Faceted Ceiling Systems

smooth texture

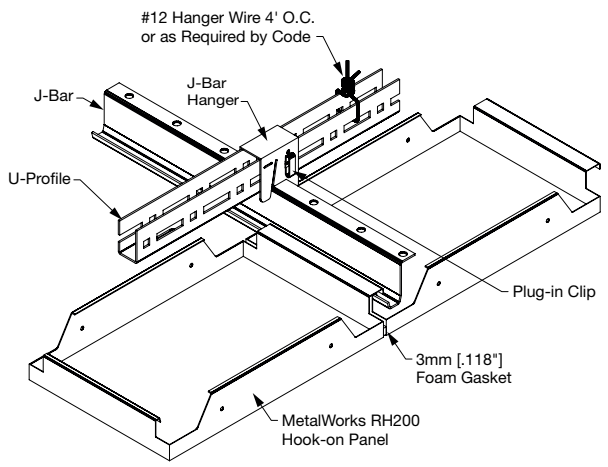
RECYCLED CONTENT

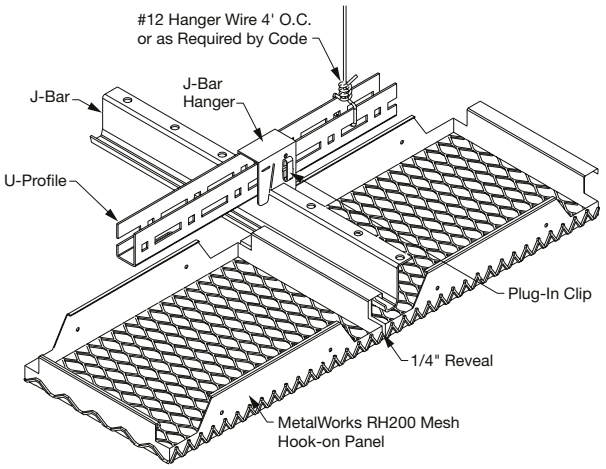
UP TO 25%

LEED V5

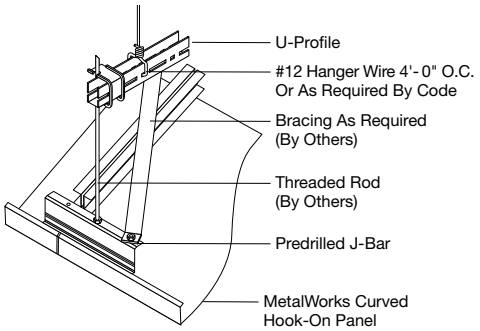
COMMON MATERIALS FRAMEWORK			
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

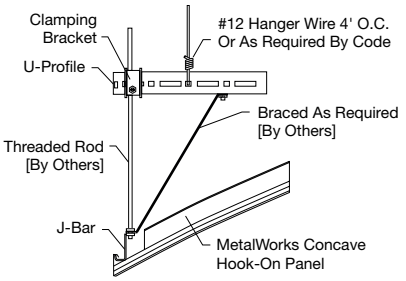
INSTALLATION DETAILS – STEEL & ALUMINUM FLAT PANEL SYSTEM





INSTALLATION DETAILS – STEEL CURVED SYSTEM





PHYSICAL DATA – STEEL AND ALUMINUM FLAT PANEL SYSTEM

Panel Dimensions
Typical panel dimensions range from 9" to 24" wide and up to 96" long. The RH200 system features larger size panels and gasketed 3mm joints. Project management assistance is available by calling Techline at 877 276-7876.

Material
Standard material is 0.040" aluminum.

Printed Finishes
Factory-applied polyester paint.

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Fire Class A. Laminate finish tested per ASTM E84. Flame spread index 75 or less. Smoke developed Index 450 or less.

Seismic Restraint
MetalWorks™ custom steel systems have been engineered and tested for applications in seismic zones.

Acoustical Options
Perforated Custom panels are usually supplied with factory-installed black, sound absorbent acoustical fleece. Fiberglass and mineral fiber infill panels are also available.

Suspension
Suspension is by means of a fully engineered J-Bar system. All panels are downward accessible without the use of tools. Security clamps may be installed if required. In this case, panels are accessible sequentially.

Suspension Components
- U-Profile
- U-Profile Splice
- Plug-in Clip
- J-Bar

PHYSICAL DATA – STEEL CURVED SYSTEM

Panel Dimensions
Width and length limitations are dependent on panel attributes including radius and perforation. Project management assistance is available by calling Techline at 877 276-7876.

Panel Radii and Sweep of Arc
Panels can be manufactured to a range of panel radii.

Convex / Concave
Panels may be made with their finished surface convex or concave.

Suspension
Suspension is by a J-Bar, Pencil Rod, and a U-Profile system. Each panel is installed and independently removable with a "trapeze" structure which may be braced with wire.

Layout – U-Profile
U-Profiles must be installed perpendicular to the long direction of the panels at least 48" centers. Suspension points should b as least at every 48" on each U-Profile with suspension no further that 18" from each wall or U-Profile termination, or as required by local code. Joints in U-Profiles should be staggered and connected with the U-Profile Splice. U-Profiles are suspended from the deck by 12 gauge wire as required by local code.

J-Bar
J-Bar is installed perpendicular to the U-Profiles on centers dictated by the panel length. J-Bars are connected end-to-end with the J-Bar Splice. J-Bars are connected directly to the U-Profiles or below the U-Profile on threaded rod as dictated by the arc of the panel.

Joint and Edge Detail
Edges are square. Joints are normally made with a 1/8" (3mm) foam gasket separator, but may be tightly butted. Panels can be made with self-finished edge for use in free-floating cloud applications.

Warranty
One (1) year limited warranty.
Details at armstrong.com/warranty

TechLine / 877 276-7876
armstrong.com/metalworks

BPCS-5974-1026

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