

HERADESIGN® Baffle Element Profile

Armstrong®
CEILING SOLUTIONS

Benefits

- Attractive linear ceiling system that screens the open plenum
- Available in two textures and a wide range of sizes and colours for flexible design
- Excellent sound absorption for a quieter, more comfortable space
- Durable surface
- Sustainable natural ingredients for Green Star contribution
- Fast and easy installation options

Application Areas

- Airports / Bus / Train Stations
- Retail
- Education – Lecture theatres and Libraries
- Atriums, Lobbies, Reception Areas
- Leisure centres
- Open spaces that are acoustically challenged



HERADESIGN® Baffle Element Profile



RH90
Humidity
Resistant



Scratch
Resistant



Product
Handling
Durability



Cleanable



Very Low
Emissions



Acoustical
Comfort

Product Data		HERADESIGN® Fine		HERADESIGN® Superfine	
Pattern					
Standard dimensions and weights • Special sizes available upon request: Maximum length of 2500mm	HERADESIGN® Fine		HERADESIGN® Superfine		
	Size (mm)	Item	Weight (Kg/ Baffle)	Item	Weight (Kg/ Baffle)
	600 x 300	HBAFBF0603_*	3.1	HBAFBS0603_*	3.0
	1200 x 300	HBAFBF1203_*	6.3	HBAFBS1203_*	6.0
	1800 x 300	HBAFBF1803_*	9.4	HBAFBS1803_*	9.0
	600 x 600	HBAFBF0606_*	6.1	HBAFBS0606_*	5.8
	1200 x 600	HBAFBF1206_*	12.2	HBAFBS1206_*	11.6
	1800 x 600	HBAFBF1806_*	18.3	HBAFBS1806_*	17.4
Note: *_ Add Suffix to Item No. to identify colour selection: N for natural, W for White etc.					
Technical data	<p style="text-align: center;">Heradesign® Baffle Element profile</p> <p style="text-align: center;">Visible edge</p>				
	<ul style="list-style-type: none"> • Material: Magnesite bonded wood fibres, finished with an acrylic paint • Construction: Two layer Baffle with anodised aluminium support profile on the top side 				
Colours	White Similar to RAL 9010	Beige Natural tone 13	Pastel colours	Solid colours	
	<ul style="list-style-type: none"> • The unique and natural structure of HERADESIGN® wood wool makes it an ideal solution for projects requiring creative colour schemes. Choose from an almost unlimited range of popular RAL and NCS colour systems. • Deviations in colour and visual appearance may occur due to the rough fibre and panel surface. 				



Humidity Resistance (RH90% at 5°C – 40°C).
Refer to website for additional information



Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S



NRC up to 0.60
(Contact your Armstrong Technical Representative for more details)

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3			
Indoor Environmental Quality		Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 201 / 202 RESPONSIBLE BUILDING MATERIALS – Certified Timber	Credit 21-D / 21-D SUSTAINABLE PRODUCTS – Environmental Product Declarations
✓	✓	✓	✓



HERADESIGN® Baffle Element Profile Specifications

- Ceiling system shall comprise of 30mm thick Armstrong HERADESIGN® Baffle Element Profile magnesite-bonded panels.
- Finish shall be Fine / Superfine texture in White / Beige / RAL___ colour.
- Nominal size 600x300mm / 1200x300mm / 1800x300mm / 600x600mm / 1200x600mm / 1800x600mm.
- Baffle centre spacings shall be ___mm with end-to-end panel spacings of ___mm.
- Suspension shall be Single Hanger at ___mm height / Short Hanger at 42.5mm height / Wire Hanging Kit at ___mm height.

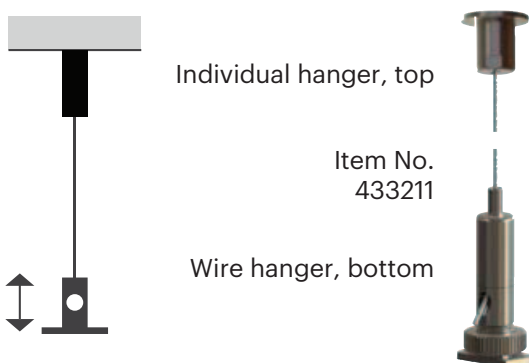
HERADESIGN® Baffle Element Profile Suspension System Options

1. Single Hanger (standard)

- Pre-assembled hanger with integrated torsion protection in the hanger and Baffle base for suspending the individual HERADESIGN® Baffle Element Profile from the ceiling or from suspended ceiling systems.
- The top part of the hanger is fastened to the ceiling either with suitable screws and screw anchors or by screwing onto an M6 threaded bolt.

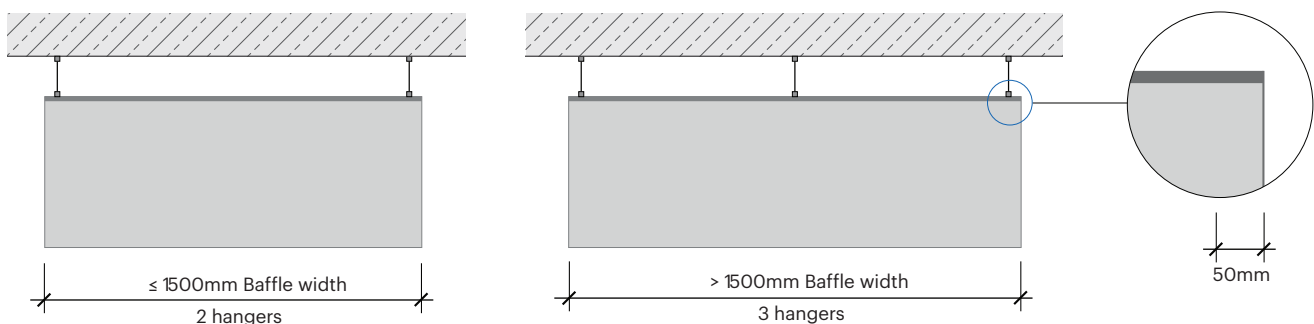
Assembly tip

- The fastening in the substrate must be extremely precise for single hangers since the absence of ceiling rails does not permit horizontal adjustment.

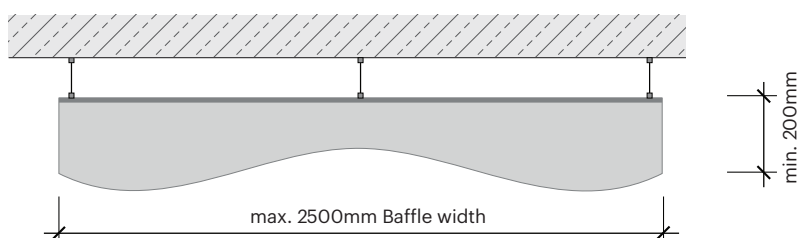


- No tools required for installation
- Precise, continuous height adjustment possible
- Wire \varnothing 1.2mm, 7 x 7 galvanised steel, length 500mm, Nominal strength: 2400 N/mm²
- Side wire guide
- Surface of hanger and Baffle base: matt nickel
- Max. suspension height = 450mm (top edge of ceiling rail to top edge of Baffle)
- At least 2 hangers per Baffle
- Max. working load per hanger 160 N/16 kg
- Max. breaking strength per hanger 800 N/80 kg

Number of hangers per Baffle



Special shapes available on request



HERADESIGN® Baffle Element Profile Suspension System Options

2. Short Hanger

Pre-assembled hanger with integrated torsion protection and easy-to-click metal clamps for suspending HERADESIGN® Baffle Element Profile from the ceiling fastening or guide rail.



- No tools required for installation
- Self-fastening
- Surface of the Baffle base: matt nickel
- Quick and simple installation at any location
- Fastest possible installation thanks to easy-to-click function
- Suspension height = 42.5mm (top edge of ceiling rail to top edge of Baffle)
- At least 2 hangers per Baffle
- Max. working load per hanger 300 N/30 kg
- Max. breaking strength per hanger 1500 N/150 kg

3. Wire Hanging Kit

Pre-assembled hanger with integrated torsion protection in the hanger and Baffle base for suspending HERADESIGN® Baffle Element Profile from the ceiling fastening or guide rail.



- No tools required for installation
- Precise, continuous height adjustment possible
- Wire Ø 1.2mm, 7 x 7 galvanised steel, length 500mm
Nominal strength: 2400 N/mm²
- Side wire guide
- Surface of hanger and Baffle base: matt nickel
- Max. suspension height = 450mm (top edge of ceiling rail to top edge of Baffle)
- At least 2 hangers per Baffle
- Max. working load per hanger 160 N/16 kg
- Max. breaking strength per hanger 800 N/80 kg

For further information, please visit our website and download our Installation Guide or contact your Armstrong Technical Representative

Contact us

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