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HERADESIGN® Baffle Element Arc

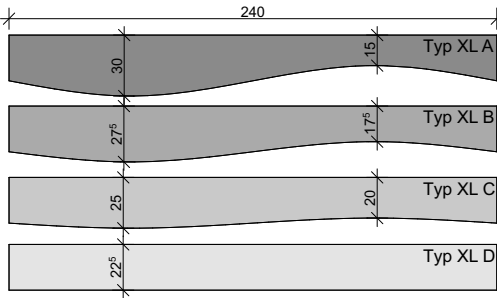
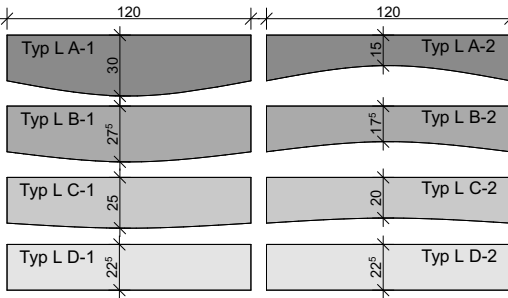
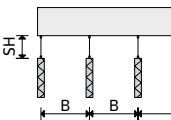


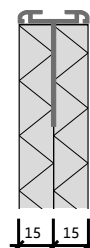
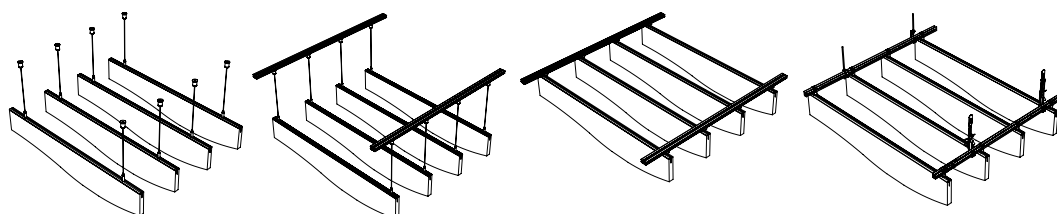
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HERADESIGN® Baffle Element Arc is a decorative wood wool acoustic ceiling Baffle that offers unlimited design possibilities.

- Baffles are available with a HERADESIGN® Fine and Superfine surface
- Two-layer Baffle with HERADESIGN® cover layers and anodised aluminium profile on the top side
- Available in 1200mm and 2400mm lengths in predefined shapes to create unique ceiling designs
- Available in Vario Design and RAL and NCS colours

Build on us.

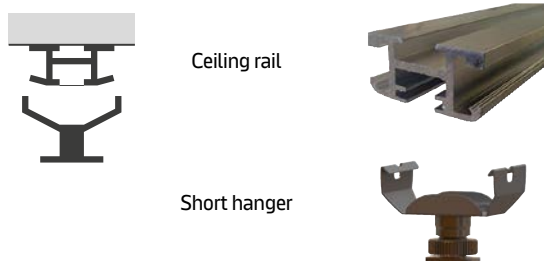
Characteristics		Detailed information												
Surface		HERADESIGN® Fine, Fine A2				HERADESIGN® Superfine, Superfine A2								
Thickness (mm)		30												
Dimensions (mm)		Baffle type XL • Baffle length 2400					Baffle type L • Baffle length 1200							
														
Weight		Format (mm)		Weight (kg/Baffle)										
				HERADESIGN® Fine		HERADESIGN® Fine A2		HERADESIGN® Superfine		HERADESIGN® Superfine A2				
				Baffle type XL		11.8		16.8		11.2		15.8		
		Baffle type L		5.9		8.4		5.6		7.9				
System		Hanging wire kit (with/without ceiling rail) option Short hanger kit with ceiling rail option U-Profile grouping system												
Reaction to fire		Euroclass B-s1,d0 and A2-s1,d0 according EN 13501-1												
Sound absorption		Baffle		SH (mm)	SH (mm)	Equivalent Sound absorption area Ao (m²)				Entire range		Class		
					125	250	500	1000	2000	4000	NRC			a _w
		HERADESIGN® Superfine	200	200	0.15	0.20	0.30	0.45	0.75	0.85	0.40	0.40 (H)		D
		HERADESIGN® Superfine	200	300	0.10	0.15	0.25	0.35	0.65	0.75	0.35	0.35 (H)		D
Humidity resistance		Not suitable for indoor swimming pools, underground garages and outdoor areas.												
Colour		Standard colours												
		          												
		White* Nature** Black*** Granite Steel Green Marble Copper Oak Brass Sandstone Concrete												
		*similar to RAL 9010 **similar to RAL 1015 ***similar to RAL 9005												
		• Other colours from popular RAL and NCS colour systems are available. • Deviations in colour and visual appearance may occur due to the rough fibre and panel surface.												



Two-layer Baffle with HERADESIGN® cover layer and anodised aluminium profile on top.

Short Hanger

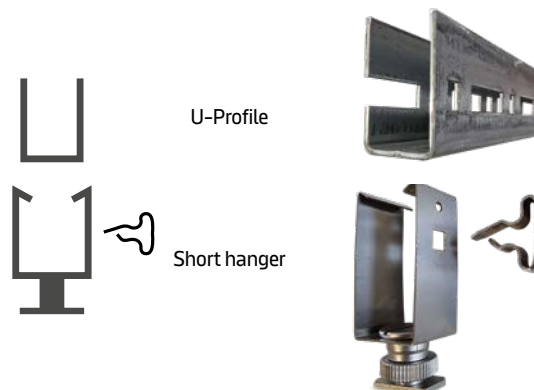
Pre-assembled hanger with integrated torsion protection and easy-to-click metal clamps for suspending HERADESIGN® Baffles Element Profile from the ceiling fastening or guide rail.



- no tools required for installation
- self-fastening
- 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

Short hanger for U-profiles (Grouping option)

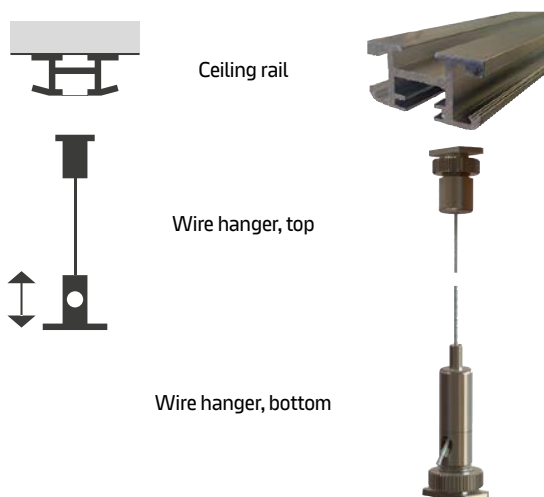
Pre-assembled hanger with integrated anti-twist device and easy-to-click metal clip for suspending HERADESIGN® Baffle Element profiles from the U-profile with plug-in clip.



- completely tool-free assembly
- self-fixing
- easy and fast installation at any place
- quickest possible installation due to the easy-to-click function
- min. 2 hangers per Baffle
- max. working load per hanger 300 N/30 kg
- max. breaking load per hanger 1500 N/150 kg

Wire Hanging Kit

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



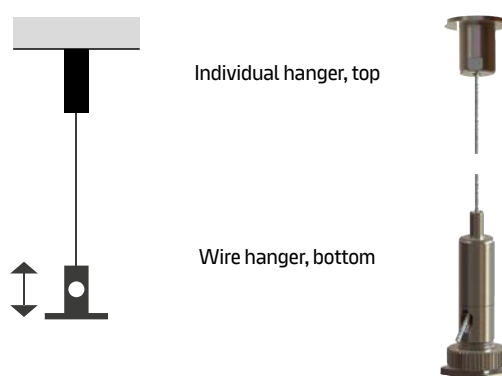
- no tools required for installation
- precise, continuous height adjustment possible
- wire Ø 1.2mm, 7 x 7 galvanized steel, length 500mm
nominal strength: 2400 N/mm²
- side wire guide
- surface of hanger and Baffle base: nickel matt
- max. suspension height = 450mm
(top edge of ceiling rail to top 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

Single hanger

Pre-assembled hanger with integrated anti-twist device in the hanger and Baffle base for suspending individual HERADESIGN® Baffle Element profiles to the ceiling or to suspended ceiling systems. The hanger tops are fixed into the ceiling either with suitable screws and dowels or by screwing them onto an M6 screw bolt.

Mounting note

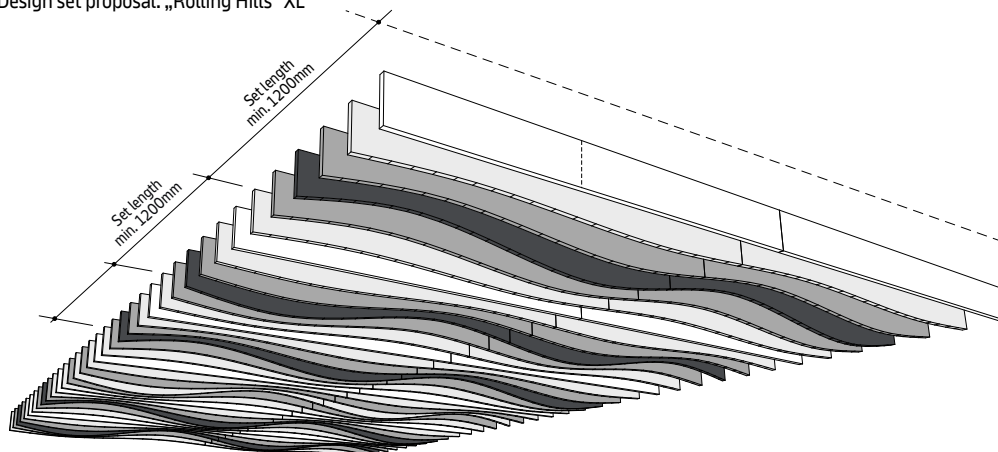
Fastening in the substrate must be possible with millimeter accuracy for single hangers, since the absence of the ceiling rail means that there is no horizontal adjustability.



- completely tool-free assembly
- millimeter-precise and stepless height adjustment possible
- rope Ø 1.2mm, 7x 7 steel galvanized, length 500mm
nominal strength: 2400 N/mm²
- with lateral rope rejection
- surface of hanger and Baffle base: nickel matt
- max. suspension height = 450mm
(top edge of ceiling rail to top edge of Baffle)
- min. 2 hangers per Baffle
- max. working load per hanger 160 N/16 kg
- max. breaking load per hanger 800 N/80 kg

Baffle arrangement

Design set proposal: „Rolling Hills“ XL



Baffle arrangement: Length 2400mm

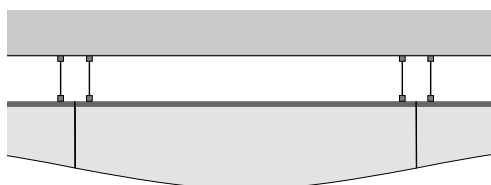
2400		2400	
Type XL D	Type XL D	Type XL D	Type XL D
Type XL C	Type XL C	Type XL C	Type XL C
Type XL B	Type XL B	Type XL B	Type XL B
Type XL A	Type XL A	Type XL A	Type XL A
Type XL B	Type XL B	Type XL B	Type XL B
Type XL C	Type XL C	Type XL C	Type XL C
Type XL D	Type XL D	Type XL D	Type XL D
Type XL C rotated	Type XL C rotated	Type XL C rotated	Type XL C rotated
Type XL B rotated	Type XL B rotated	Type XL B rotated	Type XL B rotated
Type XL A rotated	Type XL A rotated	Type XL A rotated	Type XL A rotated
Type XL B rotated	Type XL B rotated	Type XL B rotated	Type XL B rotated
Type XL C rotated	Type XL C rotated	Type XL C rotated	Type XL C rotated
Type XL D	Type XL D	Type XL D	Type XL D

Baffle arrangement: Length 1200mm

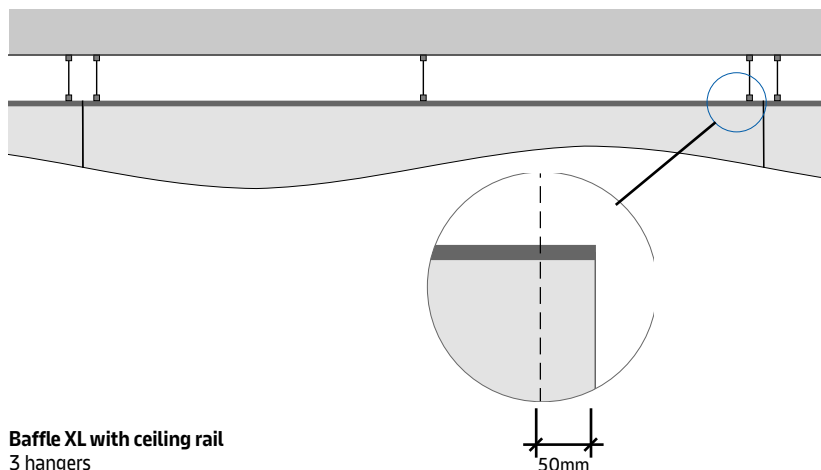
1200		1200		1200		1200	
Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2
Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2
Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2
Type L A-1	Type L A-2	Type L A-1	Type L A-2	Type L A-1	Type L A-2	Type L A-1	Type L A-2
Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2
Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2
Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2
Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1
Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1
Type L A-2	Type L A-1	Type L A-2	Type L A-1	Type L A-2	Type L A-1	Type L A-2	Type L A-1
Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1	Type L B-2	Type L B-1
Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1	Type L C-2	Type L C-1
Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2	Type L D-1	Type L D-2

Number of hangers per Baffle

Baffle L:
2 hangers



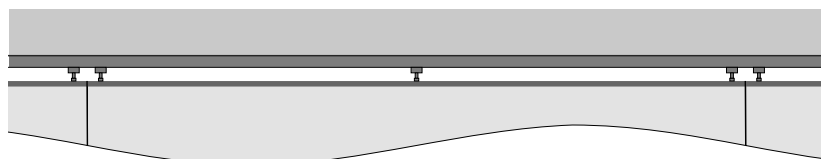
Baffle XL:
3 hangers



Baffle L with ceiling rail:
2 hangers

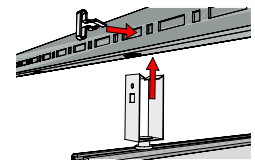
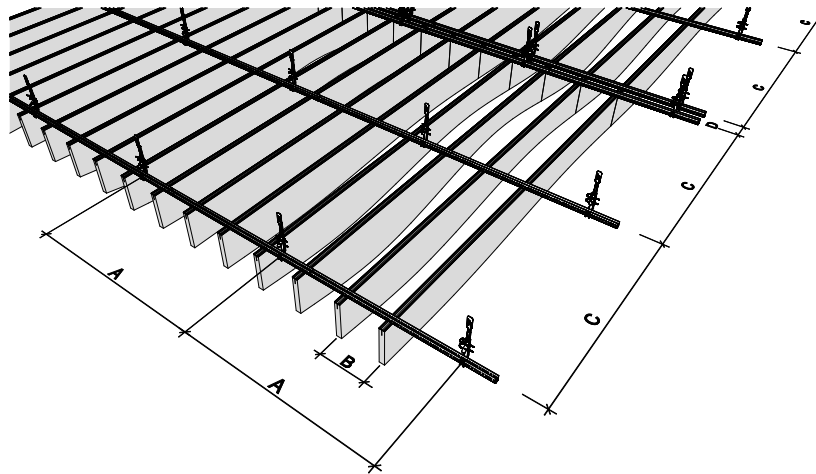


Baffle XL with ceiling rail:
3 hangers

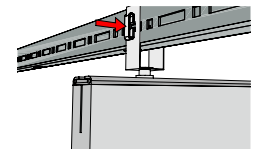


Baffle arrangement
Suspended installation with U-profiles

The Baffles are fixed to the U-profiles using special short hangers. The U-profiles are suspended with suitable system hangers. Two U-profiles at 100mm centres should be layout at every Baffle joint. The following illustration is also correspondingly applicable for Baffle type L.

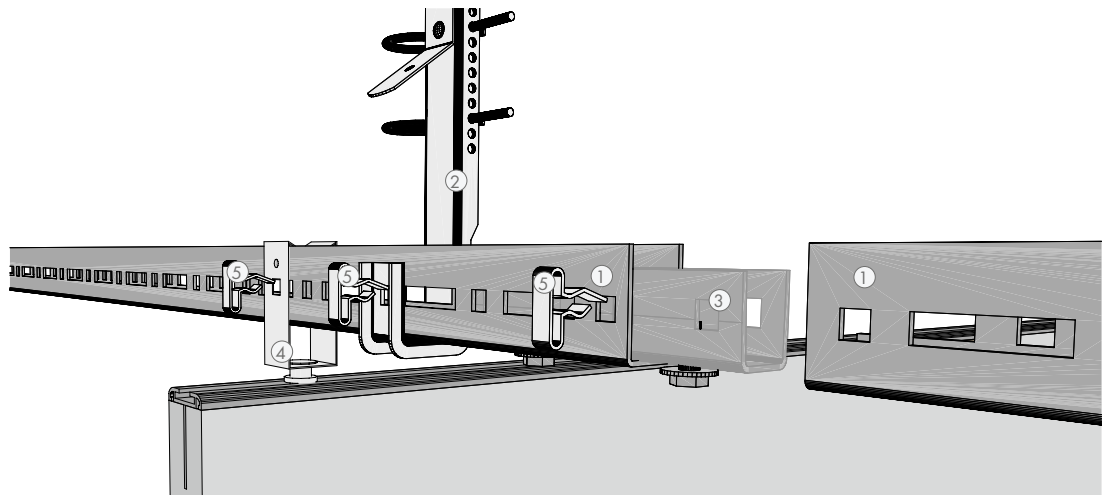


1. Fix the short hanger to the U-profile from below.



2. Insert security clip

Baffle row spacing B (mm)	Heradesign® Superfine, Heradesign® Fine						Heradesign® Superfine A2, Heradesign® Fine A2					
	Baffle XL 2400mm			Baffle L 1200mm			Baffle XL 2400mm			Baffle L 1200mm		
	A (mm)	C (mm)	D (mm)	A (mm)	C (mm)	D (mm)	A (mm)	C (mm)	D (mm)	A (mm)	C (mm)	D (mm)
200	1000			1200			800			1000		
250	1200	1150	100	1400	1100	100	1000	1150	100	1200	1100	100
300	1400			1600			1200			1400		



Systemteil	Description	Article number	Unit	Row spacing set XL (mm)			Row spacing set L (mm)		
				200	250	300	200	250	300
① U-profile	Galvanised U-profile L= 3746mm	686176	Lin. m./Set	3.6	4.5	5.4	4.8	6.0	7.2
② Nonius hanger lower part	Suitable for U-profiles (upper part on-site)	686197	Pcs./set	3.7	3.8	3.9	4.0	4.3	4.5
				4.0 (A2)	4.5 (A2)	4.5 (A2)	5.0 (A2)	5.0 (A2)	5.5 (A2)
③ Profile connector	Connector including fixing screws	686210	Pcs./set	1.0	1.3	1.5	1.4	1.7	2.0
④ Baffle hanger U-profile	Short hanger with spring-steel clip	764566	Pcs./set	18	18	18	24	24	24
⑤ Security clips	Suitable for Nonius and short hangers as well as profile connectors	686211	Pcs./set	24	26	26	32	33	34