

## CEWOOD BAFFLE

CEWOOD Baffles are acoustic panels for suspending in the ceiling structure, thus delivering an increased sound absorption level and improved acoustic comfort in premises. This is an excellent solution for large premises or rooms with tall ceilings, such as conference halls, education institutions, public buildings. Each panel is manufactured with great care in line with the highest quality standards. The Baffle panel design can be adapted to interior design requirements.

The Baffle consists of 2 CEWOOD acoustic panels of 15 mm or 25 mm thickness with integrated 3 mm wires in the upper part, which are used to suspend the Baffle panel into the ceiling structure. The maximum length of the wire is 50 cm. The number of wires in the Baffle panel depends on its size.

### Technical properties:

Wood wool width: 1.0mm; other wood wool at a upon request

Panel thickness: 30mm (2x15mm); 50mm (2x25mm)

Baffle length: 600mm (2 wires), 1200mm (2 wires), 1800mm (3 wires), 2400mm (4 wires)

Baffle width: 200mm, 300mm, 400mm, 500mm, 600mm

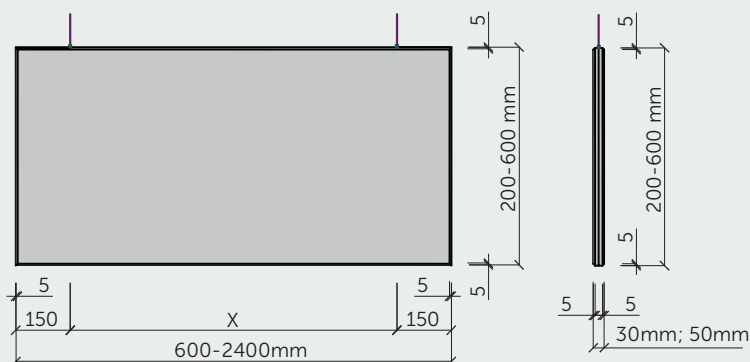
Colours: natural, white, black, grey and any shade in RAL or NCS system upon request

Profiles: P5

### 3D view



### Baffle types



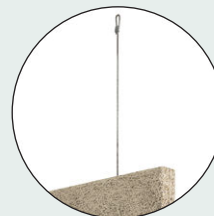
Distance X, between hangers			
Length of board, mm	Number of hagers, pcs	From edge, mm	X Between hangers, mm
600	2	150	300
1200	2		900
1800	3		750
2400	4		700

### Suspension options

#### 1. Eyebolt M5



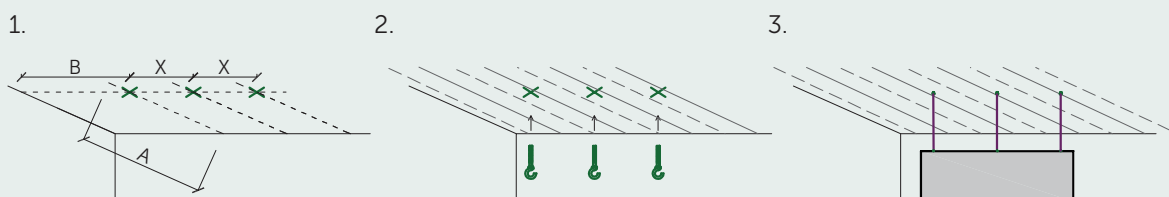
#### 2. Eyebolt M5 with 3 mm wire up to 50 cm



## CEWOOD BAFFLE

### Installation instructions

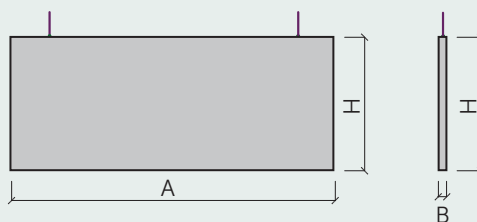
1. Take your time to determine the Baffle panel layout on the ceiling. Mark the locations of the hook screws the same distance apart as the hangers on the Baffle panels, so that the cables are vertical.
2. Install hook screws in the ceiling using the relevant ceiling type elements. For plasterboard ceilings, be sure to install hooks in a load-bearing capable structure.
3. Hang the Baffle panels in the hook screws.



### ! Baffle panels need to be handled with care. Follow these guidelines to avoid damage:

- To ensure the best properties, baffle panels should be allowed to adapt to ambient conditions.
- Store baffle panels flat and never rest them on the corners as this can crush the edges.
- When lifting baffle panels into place, do not squeeze the panels as this can crush the edges.
- A few weeks after finishing installing the baffle panels, small dust particles may be present, due to the mounting process. To get rid of the dust, use a vacuum cleaner with a brush nozzle.

### Baffles sound absorption



Description	$\alpha_w$	Class	Height, H (mm)	Width, A (mm)	Thick-ness, B (mm)	Abs. area, (m <sup>2</sup> )	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
<b>Mounting in suspended ceiling structures with an air gap</b>												
CEWOOD Baffle 1200x600x30 mm	-	-	600	1200	<b>30</b>	1,44	0,16	0,26	0,37	0,49	0,70	1,10
CEWOOD Baffle 1200x300x30 mm	-	-	300	1200	<b>30</b>	0,72	0,08	0,13	0,19	0,27	0,38	0,61
CEWOOD Baffle 1200x600x50 mm	-	-	600	1200	<b>50</b>	1,44	0,21	0,35	0,50	0,74	1,10	1,20
CEWOOD Baffle 1200x300x50 mm	-	-	300	1200	<b>50</b>	0,72	0,10	0,14	0,20	0,30	0,49	0,64