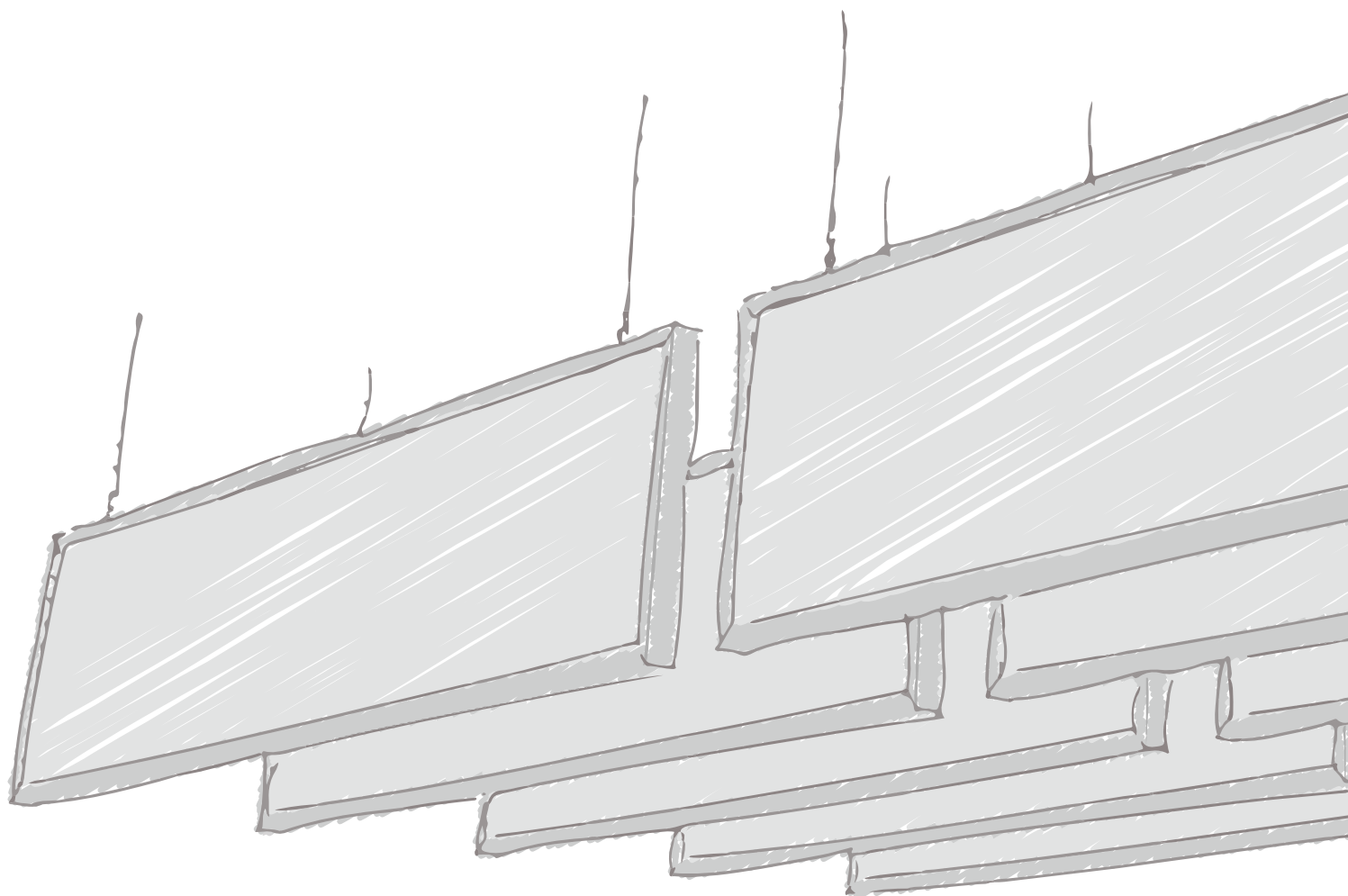




BAFFLE BAFFLE BASIC





Item specifications

Sound-absorbing element, CELENIT model ACOUSTIC BAFFLE BASIC ..., vertically suspended, composed of two CELENIT wood wool panels, assembled and held together by a post-painted galvanized steel frame - dim. 1200 x 300 x 30 mm. Material properties: thermal and acoustic insulation, eco-friendly and sound absorbing boards - CELENIT ... product range, CELENIT ... item No. ... - made of mineralized ... fir wood wool bound with white Portland cement, it complies with EN 13168 and EN 13964 standards; dim. 1200 x 300 mm; th. 15 mm; texture ...; straight edges; weight: ... kg/m²; λ_D : ... W/mK; R_D : ... m²K/W; compressive stress σ_{10} : \geq ... kPa; water vapour transmission μ : 5; reaction to fire: Euroclass B-s1, d0 or A2-s1, d0 (EN 13501-1 standard); sound absorption: α_w ... / NRC ...;

durability: class C; light reflection: 50.7 o 74.0% (painted white 05/15); release of formaldehyde: class E1; it does not contain asbestos. Wood wool boards must be certified by ANAB-ICEA and natureplus for eco-compatibility of materials and manufacturing process, PEFC™ or FSC® for the sustainability of wood raw material, ICEA for the content of recycled material and for the attestation of LEED credits, EPD for the environmental statement.

Texture



Extra-thin texture 1 mm
CELENIT ABE - CELENIT ABE/A2



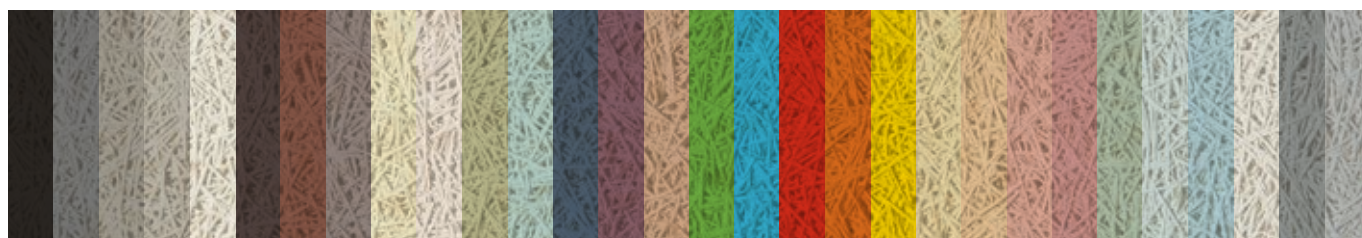
Thin texture 2 mm
CELENIT AB - CELENIT AB/A2

Colors

CELENIT BAFFLE offers the possibility of also personalizing the choice of panel and frame colors - a wide range of standard CELENIT colors are available, as well as the various color systems, such as RAL and NCS.



Nature



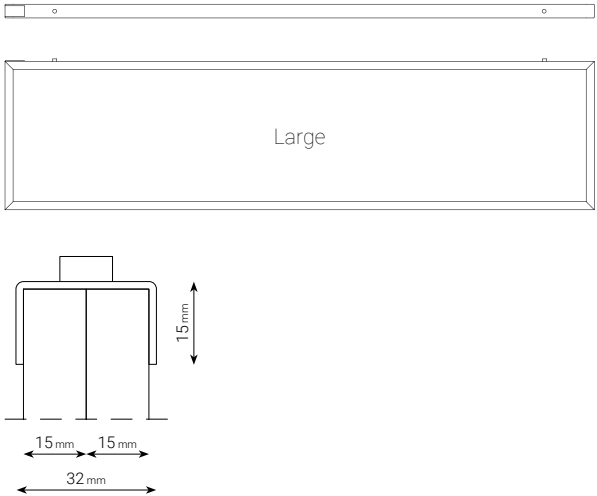
Colors

The colour chart "Colors" is available in the download area of the website www.celenit.com. Please ask for a sample at techsupport@celenit.com for a true reference of the shade.

Composition

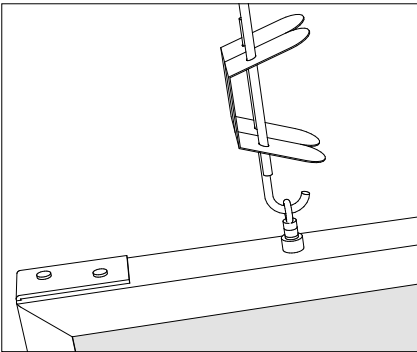
CELENIT BAFFLE consists of two CELENIT wood wool panels, thickness 15 mm, assembled and held together by a post-painted galvanized steel 10/10 mm frame, anchored to the suspension system with two threaded inserts.

Technical features of the element				
Size	Nominal dimensions [mm]	Overall dimensions [mm]	Weight [kg/pcs]	
			CELENIT AB CELENIT ABE	CELENIT AB/A2 CELENIT ABE/A2
L Large	1200x300 thickness 30	1202x302 thickness 32	8.87	10.74

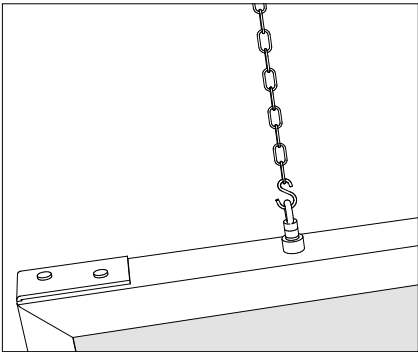


Suspension systems

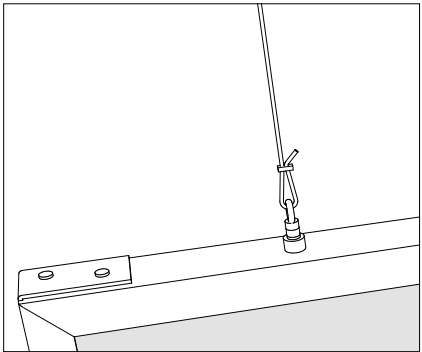
The suspension system is chosen according to the esthetic effect you want to create. The suspension systems selected are fastened to the two threaded inserts on the upper part of the frame.



SUSPENSION WITH HANGER



SUSPENSION WITH CHAIN



SUSPENSION WITH WIRE

The suspension systems are given here as an example. You will have to verify the suitability of the suspension and anchoring system chosen based on the weight of the elements and the type of horizontal support. CELENIT S.p.A. does not assume responsibility for the choice of the type of suspension and anchoring to use.

Storage, use and maintenance

The boards must be stored on a pallet placed on a flat surface, protected from rain and direct sunlight. Pallets must be handled with care on site. Bumping the corners of the pallets can cause damage to the boards. For more information see the "Storage, use and maintenance" information available in the download area of the website www.celenit.com.



CELENIT boards are dimensionally stable (EN 13168), however, they must be installed after acclimating to the same room they are going to be installed in, as well as after all concrete works are finished and the doors, windows, heating and ventilation systems have been installed.

Room temperature must be kept constant before and after installation. Do not suddenly change the temperature of the room after installation.

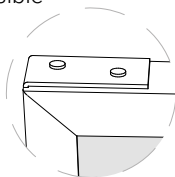
General installation instructions

BAFFLE BASIC is delivered in two separate packages: wood wool boards on pallets; metallic frames on packagings. The element assembly will be done on site.

The boards have one side that should be visible (**front of the board**) and another side that should be placed against the structure (**back of the board**). The back of the board usually has CELENIT logo or shows marks of calibration. The front may be painted and/or has edges' works. In the absence of paint or edges it is possible to identify the front according to the pallet's layout: the front of the boards is towards the top and the back down towards the pallet.

BAFFLE BASIC assembly

- BAFFLE BASIC is assembled with the **two panel fronts facing outward**. Insert both panels inside the structure at the same time, slightly opening the two ends of the frame and sliding the bottom part of the panels inside the lower part of the frame.
- Lower the frame and bring it close to the perimeter of the panels, then close the two ends with appropriate **rivets** in the holes on the bracket. The closing bracket will be facing the external part of the frame but will not be visible as it is located in the upper part of the baffle.
- Use a Ø 6 threaded steel eye bolt for hooking the suspension system.
- Fasten the selected suspension system to the ceiling with suitable fixing systems, sized according to the weight of the baffle.



Pay particular attention when handling the panels in the installation site, above all if painted. Clean equipment and gloves are required to carry out all work on the panels; therefore, carefully follow the instructions on handling the panels by consulting the sheet "Storage, use and maintenance" available on the website www.celenit.com.

Upon completing frame assembly, carry out all the final post-installation operations, described on the sheet "Storage, use and maintenance".