



JustFiber Baffles sound-absorbing baffles panels have been designed to be inserted in **wide environments** and are intended for large-scale installations in gyms, swimming pools, school canteens, schools, collective spaces or industrial premises. **The sound-absorbing baffles** allow a very efficient acoustic correction intervention with high acoustic performance (sound absorption class "A") and at the same time guarantee the requisites of effectiveness and economy for their quality / price ratio.

JustFiber Baffles sound-absorbing baffles are offered without covering fabric, entirely made of heat-bound, recycled and recyclable polyester fiber (it does not contain artificial glass fibers or other pulverizable particles, not even formaldehyde).

The sound-absorbing baffles are different from other panels for the type of fixing in baffle mode, which involves the installation of ceiling panels in vertical suspension. This particular fixing allows to obtain an optimal level of sound absorption due to the double exposure of the panel to sound waves and the possibility of inserting a greater number of sound-absorbing baffles compared to the classic fixing. The Multidensity thermolysis treatment that we perform on the surface of the baffles allows to eliminate any support or rigid element that is reflective, both inside and around the panel, thus ensuring the panels maximum lightness and safety.



Acoustic performance

Sound absorption in class "A" according to the reference standards:

- UNI EN ISO 354:2003 Acoustics - Measurement of sound absorption in the reverberation room.
- UNI EN ISO 11654:1998 Acoustics - Acoustic absorbers for construction - Evaluation of sound absorption.

Internal needed certification

Needle punched made of 100% polyester fiber (PET), density of 45 kg / m³, black, white or gray color.

Multidensity thermolysis treatment. Not dangerous substance according to the D.M. 02/12/93.

General characteristics: water-repellent, non-rotting, odorless, resistant to chemical agents (acids, salts, hydrocarbons), bacteria and microorganisms, does not disperse fibers.

Abrasion resistance: 100,000 Martindale cycles (± 20%) UNI EN ISO 12947: 2000.

Flammability: Bs2-d0 according to UNI EN 13501-1: 2009.

It does not emit opaque or toxic fumes (ANFOR F1 16-101).

Light fastness: UNI EN ISO 105 B02 5 ± 1 (Xenotest).

Reaction to fire: Class 1 - Euroclass Bs1-d0 according to UNI EN 13501-1:2009.

Sound absorption: highly sound absorbing material.

Colors

JustFiber Baffles panels are available in ghost white, grey and black.



Ghost white

Grey

Black

Formats and standard sizes

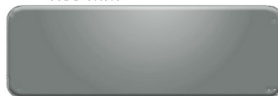
600 x 600 mm; 700 x 700 mm; 800 x 800 mm; 300 x 1200 mm; 400 x 1200 mm; 600 x 1200 mm; 400 x 1200 mm; 240 x 1200 mm.

Thickness 40 mm (tolerance +/- 2 mm).

600x1200 MM
R60 MM



400x1200 MM
R60 MM



300x1200 MM
R60 MM



600x600 MM
R60 MM



700x700 MM
R60 MM



800x800 MM
R60 MM



400/240x1200 M
R60 MM

