

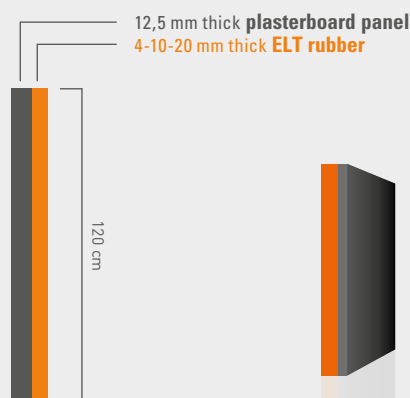
AEFAST WALL

AEFAST WALL designed and produced for renovation acoustic insulation. This product is the best when it comes to comfort and functionality in cases where the partitions clean-up need a higher acoustic insulation. AEFAST WALL, absolutely innovative, adds up an elastic and sound-impeding layer of elastomeric compounds coming from the recycling of ELT bounded by polyurethanes (750 Kg/m³ density, 4-10-20 mm thickness), to a plasterboard panel (dimension 1200mm x 2000mm, thickness 12,5 mm).

The sound-impeding layer thickness can vary between 4 mm, 10 mm and 20 mm depending on the acoustic performance we would like to obtain. The application is incredibly simple: direct fastening on existing walls. To improve the construction and the acoustic performance an additional plasterboard panel is enough. AEFAST WALL is the successful merger of experience, simplicity, research and technology in a one product with great characteristics.



Materials dimensions and thicknesses



Product supplied in panels

Length 200 m.
Height 120 m.
Thickness 16,5-22,5-32,5 mm
Panel surface 2,4 m²

Performances

Description	M.U.	References	AEFAST WALL		
			4	10	20
R _w (applied on one side)	dB	UNI EN ISO 140-3 UNI EN ISO 717-1	59*	51	63**
R _w (applied on two sides)	dB	UNI EN ISO 140-3 UNI EN ISO 717-1	51	53	65**
Panel only Insulating power R _w	dB	UNI EN ISO 10140-2 UNI EN ISO 717-1	31	-	-
Thermal conductivity λ	W/mK	UNI EN ISO 12667		0,1498	

* Certified value on 5 cm counter-structure applied on 8 cm. brick

** Calculated data on 5 cm counter-structure applied on 8 cm. brick

Generic purpose

AEFAST WALL is used as fixing panel on existing walls to increase the thermal acoustic insulation or as technical panel in counter-structure systems.

Applications

Directly on the traditional concrete wall even not plastered, on one side only or both depending on the required performances. It is advisable to complete the counter-wall with a further layer of plasterboard panels, to be fitted in a staggered way with respect to AEFAST WALL. AEFAST WALL can be fitted on metallic frame to complete the counter-structure.

