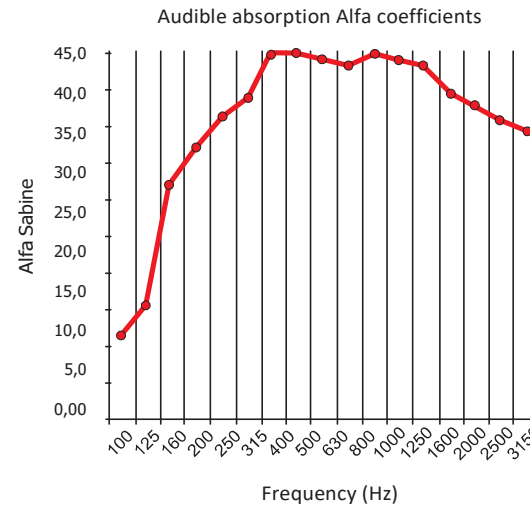
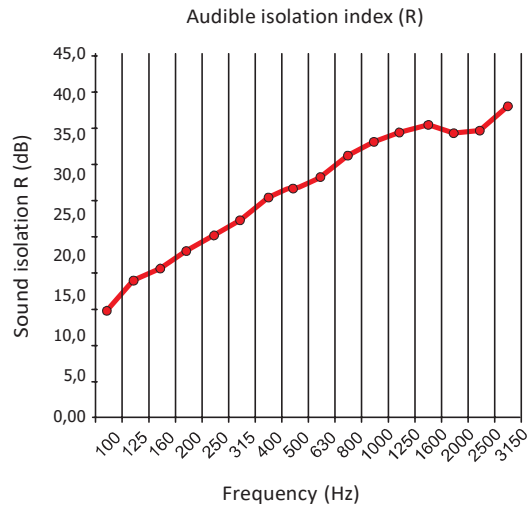


INSULATING ACOUSTIC PANEL SILENTIUM PI75



The insulating panel SILENTIUM PI75 was created for the execution of acoustic barriers and cabins, being composed by a sandwich with a thin sheet with 0,5 mm of thickness, absorbent interior in a compact panel of mineral wool that has approximately 100 Kg/m³, including a dark protective veil and a perforated steel sheet with 0,5 mm of thickness and a perforation of roughly 40% of the exposed area.

For its fixation, it is developed a proper system and complementary accessories.

The panel has a high index of audible isolation, $R_w = 31$ dB (audible source of the absorbent side) and $R_w = 37$ dB (audible source of the reflector side) and presents an excellent acoustic absorption, in particular with medium and high frequencies, having an $\alpha_w = 0,95$.

TECHNICAL CHARACTERISTICS:

Typical format: 3000 x 1000 mm Thickness: 75 mm

Color: white RAL 9010 pre-lacquered

Density (of the absorbent): Approx. 100 Kg/m³

Reaction to fire: Incombustible, whatever is the test norm

Thermal conductivity: 0,030 W/m°C

Fixation structure: Bended and tubular profiles lacquered with white

TYPICAL APPLICATIONS:

Acoustic barriers, in particular for equipment of the type "Chillers" or similar, acoustic cabins for the generality of the noisy equipment, acoustic partitions for industrial purposes, absorbent coatings, etc.