



CONTROLTEC™

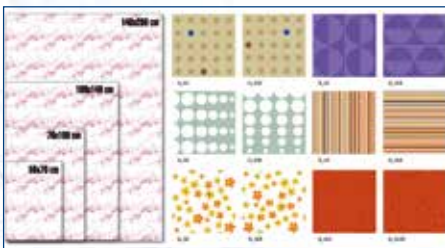
Sound Absorbing Panels
for Acoustic Correction

Fulgor Service offers an acoustically sound-absorbing panel with high performance on small and large areas, aesthetically integrated in the style of the room, with the function of controlling the acoustic reverberation "without getting noticed".

CONTROLTEC™ is available in various formats and is customizable in style, color and pictures.

The material by which it is composed is fire resistant, not pulverizes, and does not suffer from bumps and knocks and it is totally inert to chemical/physical attack. The installation does not require skilled workers, the panels are easily removable and do not require maintenance.

SPOT COLOURS AND PATTERNS



AVAILABLE FORMATS



TECHNICAL CHARACTERISTICS

Panel composed of CONTROLTEC™ (technical textile fiber, high sound absorption) properly calibrated to ensure high absorbing performance, thanks to special processing of the fibers which, during the production process, are compacted with increasing density along the thickness. Of unlimited duration, non-toxic, eco-friendly.

Thickness: Approximately mm 40.

Reaction to fire: Class B-s1, d0 – LAPI test report n° 1373.ODC0050/10.

Sound absorption: sound absorption coefficient for diffuse incidence (UNI EN ISO 354) **frequency [Hz] 250 500 1000 2000 4000**
absorption coefficient 0,25 0,55 0,80 0,85 0,85

Sound absorption coefficient for normal incidence (UNI EN ISO 10534-2) **frequency [Hz] 250 500 1000 2000 4000**
absorption coefficient 0,10 0,30 0,50 0,80 0,80

Noise Reduction Coefficient NRC (ASTM C423): NRC = 0,70.

Available formats: STL_1 = mm 1400 x mm 2000; STL_2 = mm 1000 x mm 140; STL_3 = mm 700 x mm 1000; STL_4 = mm 500 x mm 700;

Each panel can be customized on request, both in subject and color printing.

Terms of the contract

Insulating layer in panel sizes ... consisting of technical textile fiber with high sound absorption and increasing density along the thickness. Density panel gradient variable average value 40 kg/m³, suitably calibrated to improve the performance of acoustic absorption, thickness mm 40. Thermal resistance of the panel equal to 1.14 m²K / W. The surface finishing of the panels can be customized.

Method of application

Our panel for acoustic correction associates an high technical performance in terms of sound absorption with the total freedom to choose formats and finishes of panels so as to match the acoustic correction with the aesthetic effect of room customization of colors, textures, or images that can be implemented in adherence to the walls or ceiling. The installation is simple, applied directly with velcro, the intervention is completely removable. The product is fire resistant, not pulverized, does not suffer from bumps and knocks and is totally inert to aggressive chemical / physical properties.