



TECHNICAL SHEET

Acoustic panels " RESISTANT HD "

- Construction : Fibreglass board rigid with a density of 96kg/m³ (6lb/pi³), 25 mm (1 inch) or 51 mm (2 inches) thick. The front surface of the panel is laminated with a high density fibreglass board of 192 kg/m³ (12 lb/pi³), 3 mm. (1/8 inch.) thick. The edges and the points for the fasteners are chemically hardened with a minimum penetration of 3 mm (1/8 inch) into the fibreglass in order to obtain a hardness of 42 on the Barcol scale. The edges are square, beveled or rounded.
- Covering : The acoustic panels will be covered with our standard fabrics from type n°1 or type n°2, color to be chosen from the architect. It will be glued to all surface with a minimum fold to the back of ± 25 mm (± 1 inch). The corners of the fabric will also be heat sealed to avoid fraying.
- Installation : The panels will be installed with a mechanical fastener system. A section¹ of this system is installed at the factory on reinforced surfaces, in sufficient quantity and size, in order to ensure a good adhesion without any visible parts. The other section² will be installed on the walls or ceilings by the installer. For ceiling panels, we recommend to apply a silicone cord on two diagonally fasteners.
- The panels are 1 year limited warranty.

Noise Reduction Coefficient (NRC) 28 mm (1 1/8 in) = 0.85

Noise Reduction Coefficient (NRC) 54 mm (2 1/8 in) = 1.05

FLAMMABILITY:

ASTM E-84.....Classe 1 or A

CAN/ULC-S102.....Passed

¹ Fasteners galvanized steel 20 gauge: 51 mm x 51 mm (2 inches x 2 inches)

² Fasteners galvanized steel 20 gauge: 51 mm x 125 mm (2 inches x 5 inches)