

>SPECIFICATIONS FOR MOVABLE WALLS WITH ACOUSTIC AND THERMAL INSULATION FOR EXTERNAL USE

Supply of no. Movable Walls with Acoustic and Thermal Insulation **ANAUNIA® model PMITT** in conformity with the EN 1435-1: 2010 standard (certification level 3), composed of elements acoustically and thermally insulated which can be operated singly. Width of wall: cm. Height of wall between finished floor and underside of guide cm. Height between finished floor and load-bearing structure cm. Composed of a total of elements, plus an initial jamb and a final compensating telescopic buffer. Maximum width of element 110 cm. height up to 300 cm.

Thickness of elements 72 cm. Acoustic performance $R_w=43$ dB, certified in conformity with UNI EN ISO140-3:2006, UNI EN ISO 717-1: 2007 E UNI EN 1435-1: 2006. Thermal transfer coefficient $U=1.60$ W/mqK or less according to the type of glass used, in conformity with UNI EN ISO 10077: 2007, UNI EN ISO 10077-2: 2004, E UNI EN 14351-1: 2006.

Wind resistance Class C2.

Air-proofing Class 3.

Emission of dangerous substances (absent).

Declaration of conformity CE.

Construction details:

Elements in safety structural glass of thicknesses from 19 to 53 mm. (see attached technical drawing), inserted into a special EPDM seal, in a frame of aluminium alloy 6060 in conformity with UNI EN 573 and UNI EN 755-2, anodized to a thickness of 15 microns, section 72 x 97 mm. suspended on an aluminium guide rail by means of steel bolts 10 mm. in diameter. Acoustic insulation between floor and guide is obtained by means of a telescopic border applied to each element top and bottom with a EPDM seal. It can be adjusted up to 20 mm. by means of a mechanical device with an extractable handle to be inserted into the side of each panel. Alignment and thermal/acoustic insulation between one element and the next are maintained by special magnetic seals in PVC along a tongue-and-groove profile 26 mm. wide.

Guides fixed solely to the ceiling:

In aluminium, alloy EN – AVV 6005 T6, anodized to a thickness of 20 microns, dimensions 108 x 76 mm. with winged supports for an eventual false ceiling or guide covering. Each element is suspended from the guide rail by means of two steel supporting bolts 10 mm. in diameter inserted into two trolleys 50 mm. in diameter in special resin. They have a vertical axis and contain two ball-bearings. The trolleys are fitted with a device which guarantees smooth movement along the guide. Each element can be regulated in height without any need for alterations to the ceiling. Elements are stored as shown on the attached technical drawing. A system for lowering the guide rail up to 40 cm. from the load-bearing structure is supplied.

Supporting structure and supply of complementary items:

Supply of system of lowering the guide rail over 40 cm. from the load-bearing structure. Supply of beam/lattice beam to support the guide rail in the absence of a load-bearing structure. Acoustic insulation between guide and load-bearing ceiling: in plasterboard , similar to wall . Report on load-bearing structure calculations signed by an authorized engineer.

Type of glass:

Tempered structural safety glass of thicknesses from 19 to 53 mm. according to the level of thermal and acoustic insulation required. Special glass types available on request.

Other: .

Optionals:

No. glass access doors dimensions 80 x 210 cm.

Drop leaf doors have the same thickness as the elements.

No. elements with no. mirrored panels in glass.

Complementary choices:

Powder-coated frame in Pantone colours .

Complementary services:

Prices are inclusive of executive project.

Site inspection, transport and expert installation of the guide and wall provided on request.

Total price not inclusive of VAT € _____

**5.1.0 PMITT**