

**>SPECIFICATIONS FOR RESIDENTIAL MOVABLE PARTITIONS**

Supply of no.  Residential Movable Partitions model **ANAUNIA® PMR 58** , **PMR 72** , composed of independent sound-insulated elements, operated singly. Acoustic insulation index  $R_w=38$  dB mod. PMR 58,  $R_w=41$  dB mod. PMR 72, approved in conformity with UNI EN ISO 140-2:2010 and UNI EN ISO 354:2003, with an ACCREDIA certificate. Partition width  cm. Height between finished floor and underside of guide  cm. Height between finished floor and load-bearing structure  cm. Total number of elements , plus an initial jamb and a final compensating buffer. Thickness of elements 58  mm., mod. PMR 58. Thickness of elements 72  mm., mod. PMR 72.

**Construction details:**

Elements composed of a steel frame with vertical tongue and groove profiles in aluminium alloy 6060 according to UNI EN 573 and UNI EN 755-2 standards, silver coloured and anodized to a thickness of 15 microns. Alignment and acoustic integrity between one element and the next is guaranteed by special magnetic tongue and groove seals 26 mm. wide. Acoustic insulation between floor and guide is maintained by means of a silver-coloured telescopic border in aluminium with a rubber seal, applied to each element top and bottom. The telescopic mechanism has a thrust force of 1500 N towards top and bottom on each element, in this way partially relieving the load-bearing structure of the weight of the partition. The mechanism enabling each border to expand up to 20 mm. is operated by an extractable handle to be inserted into the side of each panel. On the telescopic element the handle is inserted frontally. The telescopic element permits both the expansion of the upper and lower borders and the protrusion of up to 100 mm. of a vertical compensating buffer for the whole height of the modular element, with a thrust force of 1500 N, so ensuring the total horizontal and vertical closure of the partition. The thrust mechanisms are equipped with springs to compensate for any eventual settling of the structure.

**Guides fixed solely to the ceiling:**

In aluminium alloy EN-AW 6005 T6, anodized to a thickness of 20 microns, 108 x 76 mm., with winged supports for an eventual false ceiling or guide covering. Each element is suspended from the guides by 1 or 2 highly resistant steel supporting bolts of 10 mm. in diameter which are inserted into one or two sliding trolleys 50 mm. in diameter in a special noiseless resin. They are on a vertical axis and contain two radial ball-bearings. The trolleys are fitted with a special device which ensures smooth movement along the guide rail over deviations and intersections. Each element of the partition can be regulated in height without needing to remove the false ceiling. The system of vertical regulation of a single element is independent of the supporting bolt so it is possible to maintain, over time, a constant positioning of the partition without insurgence of any defective alignment horizontally or vertically. The element storage system is as shown on the attached technical drawing.

A system of lowering the guide rail up to 40 cm. between guide and load-bearing structure is supplied.

**Supporting structure and complementary items:**

Supply of a system of lowering the guide rail  over 40 cm. from the load-bearing structure.

Supply of beam/lattice beam supporting the guide  in the absence of a load-bearing structure.

Acoustic baffle between guide and load-bearing ceiling:  in plasterboard,  similar to partition.

Report on load-bearing structure calculations signed by an authorized engineer.

**Optionals:**

No.  single-leaf door elements 800 x 2100 mm.

No.  single-leaf doors with glass

No.  fixed doors hinged to room wall

No.  corner elements

No.  T-shaped elements

No.  cross-shaped elements

No.  elements with glass

Doors inserted into elements have the same thickness as the partition, two hidden hinges and a threshold in stainless steel 5 mm. thick. The handle locking the door element into place is inserted into a single point on the side of the element. When the element is in movement the door is automatically blocked. The lower edge of the element has two bolts which fit into two corresponding sleeves fixed into the floor to guarantee exact positioning.

**External panelling and surface finishing:**

On both sides with chipboard panels fixed on to the element frame, maximum width 120 cm. height up to 300 cm. and CE certification. Reaction to fire Class 2 (two) , class E1 (low emission of formaldehyde), thickness 12 mm.  for mod. PMR 58, 16 mm.  for mod. PMR 72 with sound-insulation.

Fire reaction Class 1 (one) .

In standard melamine laminate in white  ivory  thickness 0.2 mm. (without joins in height) .

In standard CPL laminate in white  ivory  thickness 0.4 mm.

In HPL laminate thickness 0.9 mm.  finished in colour series  imitation wood series .

Brilliant paintwork 25 Gloss colour RAL  Pantone .

Other finish sample .

Covering material supplied by the client, type .

**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 €** \_\_\_\_\_

**3.1.0 PMR**