

TECHNICAL SPECIFICATIONS

MONODIRECTIONAL / MULTIDIRECTIONAL FIRE RESISTANT EI 60/EI90 MOVABLE WALLS

Design

MONODIRECTIONAL DESIGN

Hung single panels at a central point in the upper rail (without floor guidance).

MULTIDIRECTIONAL DESIGN

Hung single panels with 2 double rollers, sliding in an upper rail (without floor guidance), avoiding any swinging likely to damage the rail, the suspended ceiling and the floor. The rail intersections allow all configurations and kind of storage possibilities.

Thickness 141 mm.

Maximum height 4500 mm.

Panel width Custom-made according to laminate finishes

Sound reduction Rw 51 dB / Ra 49 db /STC 51 db

General technical principle

EASY HANDLING AND SILENT MOVEMENT

They are ensured thanks to the exclusive ALGAFLEX system: covered rollers in polymer (Delrin), self-lubricating and very resistant.

TECHNICAL RELIABILITY

Our EI60/EI 90 movable walls have undergone the most severe endurance and mechanical resistance tests in laboratories or at the Algaflex integrated test center. 5-year warranty on parts and labor.

TECHNICITY AND AESTHETICS

The aluminum profiles are available in natural colorless satin anodization in the basic version, optionally painted in the entire RAL range.

EASY SET UP

Locking of the upper and lower telescopic crosspieces by only 1/3 turn of the key. The Algaflex movable wall panels move manually without effort thanks to an exclusive guidance system that cancels any translation effort. Only 1/3 turn of the key to lock or unlock the high and low telescopic crosspieces simultaneously or automatic locking.

They ensure acoustic sealing and mechanical locking without a floor rail.

FINISHES AND EASTHETIC

Aluminum profiles completely invisible in a flat position thanks to a 6mm hollow joint system.

Laminate ALGAFLEX range, ABET Laminate range, Oberflex, Laminate all brands, and all finishes on request, after verification of feasibility.

ALUMINIUM TRACKS

MONODIRECTIONAL

Natural anodized aluminum profile or painted in the entire RAL range or special anodization.

One central trolley composed of 4 self-lubricating and very resistant polymer rollers ensuring smooth and silent movement without friction.

MULTIDIRECTIONAL

Natural anodized aluminum profile or painted in entire RAL range or special anodization with double rolling way. The intersections make change easily the direction of panels to store them to the stacking area.

Aluminium tracks are attached to the structure support with threaded rods and suspension plates allowing to adjust the right level. This system ensures perfect stability and complete solidarity with the main structure.

Rollers have two double self-lubricating and very resistant polymer with two directions of rotation ensuring smooth and silent movement without friction.

PANELS

Self-supporting aluminium frame of which profiles become invisible thanks to a panel joining system using hollow joints.

Specific mechanism ALGAFLEX system allows to lock upper and lower mobile crosspieces very easily and quickly by 1/3 turn using an operating key.

Sound reduction performance can reach Rw 49 dB / Ra 46 db /STC 51 db

TECHNICAL OPTIONS

Automatic locking MURAUTO can be integrated.

Lacquering aluminium frame

Single pass door, double pas door

CERTIFICATIONS

ISO 9001 certified

QUALIBAT qualified

CERFF