

## TECHNICAL SPECIFICATIONS

### MONODIRECTIONAL / MULTIDIRECTIONAL SERIFLEX 41 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 100 mm.

Maximum height 3000 mm.

White or grey melamine 12 mm thickness

Sound reduction Rw 41 dB / Ra 39 db /STC 42 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 SERIFLEX 41 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.

##### 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.

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

### FINISHES AND EASTHETIC

Reinforced by an aluminum profile frame with peripheral covering of the coating or facing.  
This is an anti-impact guarantee for the edges when moving the panels and anti-shock for the lower part

ALGAFLEX melamine range, white or grey color.

### 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. Plenums height more than 600 mm need to add stirrups. 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 reinforced by an aluminum profile frame with peripheral covering of the coating or facing. This is an anti-impact guarantee for the edges when moving the panels and anti-shock for the lower part.

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  $R_w$  41 dB /  $R_a$  39 db /STC 42 dB

### TECHNICAL OPTIONS

Single pass door, double pass door

### CERTIFICATIONS

ISO 9001 certified

QUALIBAT qualified

CERFF