

MOVABLE PARTITION LINE

Technical specifications

Thickness:

The thickness of the modules is 106 mm, having a maximum width of 1,250 mm (type modules) or 1,350 mm (telescopic modules).

Height:

- Up to 3,500 mm. height in unidirectional modules with SP-100 track.
- Up to 6,500 mm. height in multidirectional modules with SP-200 track.

Finishes

The panels can have different finishes: chipboard panels laminated with semi-rigid vinyl coatings, laminates or fine hardwoods and lacquered MDF panels.

Soundproofing

The movable partition Line has 3 levels of sound insulation achieving 40, 44 or 50 dB. This is possible modifying the internal insulation materials of the mobile partition.

Weight

The weight depends on the materials used for the panels and the type of insulation materials used (according to the required sound insulation) and varies between 40 and 70 kg/m².

Operation

The operation of the modules is carried out using a turning crank which provides a sealing force on upper and lower up to 70 Kg. The modules have on both sides a perimeter acoustic sealing between the structure and the finished panels, which provides a perfect sound insulation.

The Line system complies with the standard UNE-41956 "MOVING WALLS" in all sections and specifications.

Type of elements

Type module

- Retractable module with finish panels 19 mm-thick on each side and a total thickness of 106 mm.
- The edges are made with aluminum profiles to get a better protection of the boards, having also the possibility that these profiles are hidden.
- The vertical locking between modules is achieved by a magnetic closure and an acoustic sealing, getting a perfect thermal and acoustic insulation by a lateral mechanism.
- Fixture of modules to floor and ceiling is made via mechanisms which displace the neoprene seals with a sealing pressure of 70 kg.

Telescopic module

Module with the same characteristics as the type module, except for the mechanism located on one side of the module and protected by a shield. The mechanism is operated turning the crank handle which makes expand both the upper and lower neoprene parts of the modules and the side sliding part of the module, which widens in order to press against the starting element to achieve a perfect closing between both elements. This sliding part has a standard is 145 mm-thick and 330 mm-wide, and it expands 120 mm.

Track (rail)

Aluminum guide (30 micron hardened alloy) attached to the ceiling by means of steel strips and leveling rods, with expansion plugs "Hilti" to concrete structure or welded to IPN beams. The modules require no floor track.

Same type of guide and two types of trolleys, depending on weight, stacking and performance based on unidirectional or multidirectional, SP-100 and SP-200 trolley.

Sound insulation

Sound insulation of the modules may be 40, 44 or 50 dB. The average weight depends on the finish of the panels and the sound insulation and it varies between 40 and 75 kg/m². The highest acoustic version has a double acoustic sheet (inner side of the panels) and mineral fiber with a density of 70 kg/m³.

Single door module

Module with the same characteristics as the type module, except that it has a door leaf with stainless steel handle and lock inserted on both sides. This module is 1220 mm-wide and 106 mm-thick, having a door opening of the 900 x 2120 mm.

Starting element

Module fixed to the wall which provides a perfect sealing between the movable partition and the wall. It is 106 mm-thick too and has a standard width of 75 mm, which can vary to fit the requirements of each project.