SKYFOLD

OBJECTIVE

Skyfold auto-retracting partitions are fully automated, moving effortlessly and silently with a single turn of a key into a cavity in the ceiling, requiring no other storage space. Rooms can thus be reconfigured in just a few minutes, with no manual intervention, which also helps to extend the system's lifetime.
Ultra-modern design, simple operation, manufactured to order:
the high-tech solution to organising your space.

CONCEPT
Skyfold Classic is a custom manufactured, completely automatic, rigid, flat and retractable acoustic wall partitioning.
As it is stored in the ceiling, the partition is totaly invisible when it has been lifted.

SOUND REDUCTION
Skyfold Classic provides an exceptional STC (Sound Transmission Class) acousticrating of 51, while remaining extremely lightweight (37 to 39 kg/m² for Classic version Classic and from 27 to 29 kg/m² for Eclipse version).

EASY TO MOVE AND SILENT
A simple turnkey operation retracts the partition quickly and effortlessly into the ceiling cavity. No manual intervention is ever needed, making it exceptionally durable.

QUICK TO INSTALL
Skyfold is locked in place by the panel pressing down on the floor. The joints are retracted when the panels move up and down, thereby avoiding any friction against the walls. Skyfold wall joints are internal, eliminating unsightly floor and wall tracks.

FACE FINISH
Skyfold Custom Powerlift Partitions come in a variety of finishes, including vinyl, glass, fabric, stainless steel, wood veneer, tapestry, murals, and more).

FIRE PERFORMANCE RATING
B-s2, d0 for the Skyfold Classic model. The Skyfold components were designed in accordance with current fire reaction classification regulations*.

🔒	Average Weight: 35 kg/m²
↕	Max. height under the framework: 10 600 mm
↔	Max. width: no limit
⟩⟨	Min. width: 3 050 mm
⇒	Moving speed: 3 m/min
⚡	Energy: three-phase wiring 380V/50Hz

Size of superior storage space:
- Depth: from 600 to 1 200 mm
- Width: 1 300 mm

* French safety regulations for fire and panic risks in public buildings - article AM14). *(see pages 40 to 42.)*

MIRAGE
Motorised system of interior glass acoustic partitions.
This partition with its modular design comprises a series of sealed glass panels; Built-in infrared security system.
Finishing: the structure can withstand material thicknesses up to 4.1cm (1.625po): glass, plexiglas, Lexan® products, bulletproof glass, frosted glass, alveolar plastic and others.
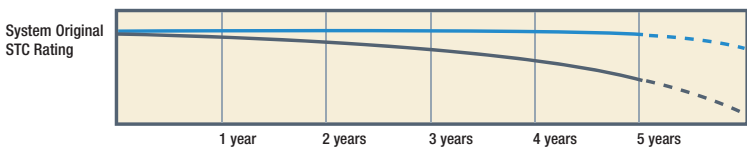
MIRAGE XT
Motorised system of exterior glass acoustic partitions.
Soundproof wall made of reflective, thermal glass, enabling energy saving in all seasons.
Also available in opaque glass and other finishes.

ECLIPSE
Automated, auto-retracting partition system, made to order from flat, rigid panels.
Weighing between 24 and 29kg per m², this product is much lighter than most common systems, making it ideal for large areas: gymnasium, airport, etc.
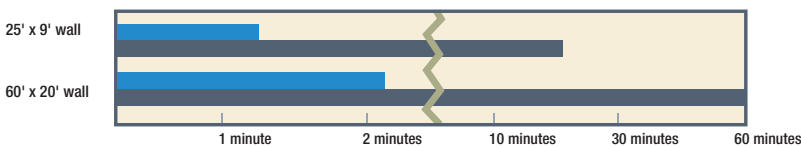Finishing: stainless steel, textile, melamine, wood veneer and painted surface.

Acoustic performance of Skyfold walls as compared to conventional operable walls

System Original STC Rating

1 year 2 years 3 years 4 years 5 years

Skyfold   Regular operable wall

Skyfold deployment time required compared to conventional operable walls

25' x 9' wall

60' x 20' wall

1 minute 2 minutes 10 minutes 30 minutes 60 minutes

Skyfold   Regular operable wall

End seals (enlarged)

Pantograph assembly

End seals

Bottom seals

Honeycomb composite panel

Rigid insulation

Obstruction sensor