Technical Datasheets
DOMINO is the answer to all the requirements of a physical, not visual, partition of the spaces.

DOMINO, thanks to its silent sliding system, to its thin structure in anodized aluminium and to the simple sliding of the seals, allows a light and transparent closure.

The vertical profiles, studied for the safety control of the inside glazed panels and for the edging of the elements, are coupled with male/female system. The glass (or the covering material) is completely enclosed within the aluminium frame: it is applied to it, not mechanically bound, allowing therefore a wide range of finishings alternatives.

Each element has two sliding rubber blocks, linked to mobile seals with soft gaskets: through a pressure on them, the locking mechanism starts to work and allows the locking in positions of the elements.

A sliding-revolving closure panel, a pass door fixed to the wall or, in alternative, a telescopic element can be the last element to be locked when you need to close the rooms. More, you can insert a pass door element in any point of the partition.

### Technical Characteristics

**THICKNESS**
The thickness of the elements is 50 mm (except for elements with handle)

**PARTITION MAXIMUM HEIGHT**
Standard Partition: 3,5 m
Partition with elements with pass doors / doors at full height: 3 m

**FINISHINGS**
Alu natural profiles

Panels in:
- Single glass (tempered glass 6 mm thick)
- Sealed Double glass (46 mm thick)
- Blind panel (Melamine, HPL, wood - all 18 mm thick)

**WEIGHTS**
The weight of the partition is 20/35 kg/m², according to the different finishings.

**FIRE REACTION**
Glass panels: non combustible
Blind panels: Class 1 (HPL, melamine) - B-s1,d0 (HPL) - B-s2,d0 (melamine).

**SOUNDPROOFING**
With tempered glass panel thickness 6 mm Rw = 29 dB
With wooden panel thickness 18 mm Rw = 27 dB
The standard element represents the typical element used to divide the different rooms. It is produced with MONODIRECTIONAL or MULTIDIRECTIONAL sliding system. Elements are locked in shut position by means of two movable seals which are simultaneously operated pushing/pulling the elements itself relatively to the previous ones; the movable seals are pushed against the floor and the rail with a force of 30 kgf per element, so that the wall space is hermetically closed.

The elements are available with variable width between 700 and 1250 mm.

Vertical aluminium profiles are Male/Female type for all elements except for the one next to the closure element, that has Male/Rabbet profiles (with Male/Rabbet vertical profiles the elements are available with variable width between 703 and 1253 mm).

The opening and closing manoeuvres of the partitions are effectued by means of the sliding-revolving element, always installed laterally. The element slides along the wall axis with 1 trolley, then it locks itself in shut position by a revolving movement. This one is the first one to be unlocked when you need to open the rooms and stack the elements and the last one to be locked when you need to close the rooms.

This element is supplied with variable width between 600 and 1250 mm.

Vertical aluminium profiles are Rabbet/Rabbet.

In alternative to the standard closure element and to allow an easy passage between the spaces divided by DOMINO, it is possible to insert a passage door fixed to concrete wall. This element is always supplied with variable height and width (maximum width 995 mm).

When using this element, the previous Male/Rabbet element needs a pin to fix into ground.

Pass doors may be fitted to any intermediate element. The elements where we can insert a pass door have a fixed width of 1100 mm and allow a pass door wing of 800 with a variable height, depending on the height of the wall itself.

The thickness of the pass doors is always 50 mm.

By request we can supply elements with special measures.
DOUBLE PASS DOOR ELEMENT

Double pass doors may be fitted to any intermediate element. The elements where we can insert a double pass door have a fixed width of 2040 mm and allow a pass door wing of 1600 with a variable height, depending on the height of the wall itself. The thickness of the pass doors is always 50 mm.

Double pass doors are produced always with MULTIDIRECTIONAL sliding system.

By request we can supply elements with special measures.

EXPANDER ELEMENT

In alternative to the standard closure element and to the door closure element, the opening and closing manoeuvres of the walls may be effectuated by means of the expander element, always installed laterally. This one is the first one to be unlocked when you need to open the rooms and stack the elements and the last one to be locked when you need to close the rooms.

The expander element is produced with variable width between 700 and 1350 mm and with a 30 mm stroke.

The locking/unlocking in position of the element is made by a removable hand operated control. Depending on the partition characteristics, the expander element may have a little fixed handle for better handling.

ELEMENT WITH ANGLE / “T” ELEMENT

Elements with angle and “T” elements are the solution for non linear partitions. With them we can link different partitions with 90° connections.

These elements are available only with MULTIDIRECTIONAL sliding system and with variable width between 700 and 1250 mm.

Standard vertical aluminium profiles are Male/Female type; “T” element may have also Male/Rabbet profiles (with Male/Rabbet vertical profiles the elements are available with variable width between 703 and 1253 mm).
Tracks are in **EN AW 6005/A** high resistance aluminium alloy.

The manoeuvre of the elements is easy and you can do it without effort. The ball bearing trolleys slide with precision in the aluminium track. The different typologies and the different utilization ways of the tracks are shown herebelow:

**TRACK TYPE 8L**

Track Type 8L suitable for **MONODIRECTIONAL** and **MULTIDIRECTIONAL** stacking schemes  
- Utilizing trolleys type 8L

The track is usually in view, just above the partition

**TRACK TYPE 8LN**

Track Type 8LN suitable for **MONODIRECTIONAL** and **MULTIDIRECTIONAL** stacking schemes  
- Utilizing trolleys type 8L

The track is usually utilized hidden behind false ceilings.
Standard Element / Pass Door Element - Single Glass - Vertical Sections

STANDARD ELEMENT
H max 3500 mm

PASS DOOR ELEMENT
H max 3000 mm
Standard Element - Sealed Double Glass - Vertical Section

STANDARD ELEMENT
H max 3500 mm

PASS DOOR ELEMENT
H max 3000 mm

DOMINO - Sheet 2.2 - Rev. 05
- Standard Element -
Profiles Male/Female type

- Standard Element -
Profiles Rabbet/Male type
- Standard Closure Element -
Profiles Rabbet/Rabbet type

- Single Pass Door -
Profiles Male/Female type
- Expander Element -
Profiles Male / Closure

- Fixed handle -
Available depending on partition characteristics

Wooden Jamb
- on request -
- Element with Angle -
Profiles Male/Female type

- “T” Element -
Profiles Male/Female type
Coupling of Elements - Details - Horizontal Sections

Single Glass (6 mm Thick)

Single Panel (18 mm Thick)
Sealed Double Glass (46 mm Thickness)
DOMINO Elements

Standard Element
- Single Glass -

Standard Element
- Single Panel -

Standard Element
- Sealed Double Glass -

Standard Closure Element
- Single Glass -

Door Closure Element
- Single Glass -

Expander Element
- Single Glass -

Single Pass Door
- Single Glass -

Double Pass Door
- Single Glass -
The elements are available with variable width between 700 and 1250 mm.

Single Glass (tempered - 6 mm thick)
The elements are available with variable width between 700 and 1250 mm.

Single Panel (Melamine, HPL, Wood - all 18 mm thick)
The elements are available with variable width between 700 and 1250 mm.

Sealed Double Glass - Thickness 46 mm (also with venetian blind system inserted)
Pass doors may be fitted to any intermediate element. The elements where we can insert a pass door have a fixed width of 1100 mm and allow a pass door wing of 800 with a variable height, depending on the height of the wall itself. The thickness of the pass doors is always 50 mm.

By request we can supply elements with special measures.
The elements are available with variable width between 600 and 1250 mm.

Vertical aluminium profiles are Rabbet/Rabbet type.
In alternative to the standard closure element and to allow an easy passage between the spaces divided by DOMINO, it is possible to insert a passage door fixed to concrete wall.

This element is always supplied with variable height and width (maximum width 995 mm).

When using this element, the previous Male/Rabbet element needs a pin to fix into ground.
In alternative to the standard closure element and to the door closure element, the opening and closing manoeuvres of the walls may be effectued by means of the expander element, always installed laterally. This one is the first one to be unlocked when you need to open the rooms and stack the elements and the last one to be locked when you need to close the rooms.

The expander element is produced with variable width between 700 and 1350 mm and with a 30 mm stroke.
Double pass doors may be fitted to any intermediate element. The elements where we can insert a double pass door have a fixed width of 2040 mm and allow a pass door wing of 1600 with a variable height, depending on the height of the wall itself. The thickness of the pass doors is always 50 mm.

Double pass doors are produced always with MULTIDIRECTIONAL sliding system. By request we can supply elements with special measures.

DOMINO - Sheet 3.9 - Rev. 01
Track 8L with Trolley 8L
Track 8LN with Trolley 8L
Oddicini Industrie S.p.A. offers a wide range of versions of Domino operable partitions, each one featuring its own range of options.

Before consulting your Oddicini agent we suggest you a planning that allows you to make the right choices and enables us to supply you with the product that best suit your requirements.

**Which space do I need to divide?**

If you have to divide a specific area, you need to decide how many spaces you wish to create and their volumes. Once examined the existing space carefully, you should consider the elements that might interfere with the installation or the movement of the partitions, such as windows, columns, airconducts or pieces of furniture. You should assess if all the spaces you will create are suitably equipped with the services necessary for your activities. Is there a sufficient lighting system? Air conditioning? Electricity? All these considerations could lead to variations in the division you originally planned.

**Which supporting structures do I need?**

Most types of movable walls are likely to depend on the load bearing elements (concrete soffits or ceilings) of the building. A verification of the soffit structure available or expected is necessary so to make sure it is fit for the anchorage of the system. In order to establish if the structure is adequate to support a movable wall it is sometimes advisable to consult a professional i.e. a structural engineer or an architect.

**How many operable partitions do I need?**

Estimate how many partitions will be necessary and their approximate dimensions; your Oddicini agent will help you at a second stage to precisely assess your requirements.

**How much room is available to stack the movable wall elements?**

The position of the stacking area can enormously influence the final layout of the operable partition. Decide the areas where the elements will be stacked and parked when the partition is not in use. Typically these are stored at one of the two extremities of the partition. If there is enough space, the elements can be moved in a dedicated area of collection by means of additional parts of track.

**Do I need special finishes?**

The price of Domino is influenced by the type of finish. The standard finishes may include tempered single glass 6 mm thick, sealed double glass with 46 mm of thickness, colored glass, plexiglass, wood, high pressure laminates, honeycomb panels, etc.

**Do I need special features?**

Verify the safety features and standards to which the premises must conform to, the required class of fire reaction and fire resistance of the walls, the required number and dimensions of pass doors and/or emergency exits.