



SPECIFICATIONS FOR ALUMINUM PARTITIONS – SCP - S 1000

SCP's S1000 movable partitions with aluminum frame profile, from thermosetting machinable aluminum alloy specification base A-GS(50S) acc AFNOR (AlMgSi0.5 to DIN), average hardness value 76 BRINNELL (HB10), with breaking stress 23 kp/mm² and elongation $\delta_{50}=6\%$.

The profiles are electrostatically powder coated in colors, based on RAL chart and thickness painted at 80Mn or anodized in different colors and thicknesses. The connection of the profiles is made with special connection angle, made of aluminum alloy As-13, high strength of 6mm, which stabilizes the main profiles with each other with special blade so avoid drilling holes on the profiles.

The filling materials are selected based on the needs of the application area and have thickness of 4 to 46mm. Their fastening to the main frame of the partition is done with button-type joint covers of which is chosen on a case-by-case, basis depending on the thickness of the filling material used .

At the points where it is necessary to create a corner connection, a profile is used for construction 90° or 135° angle.

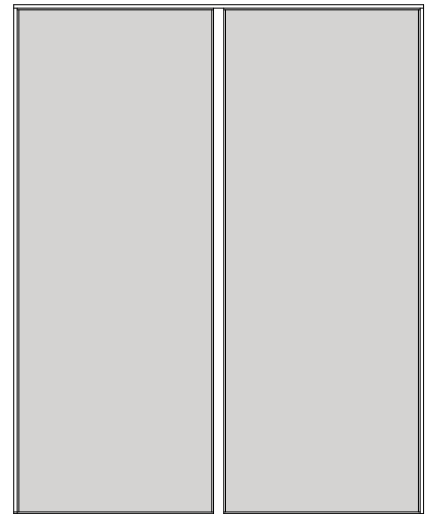
The doors can be pressed heat-insulating with double-sided formica lining or with aluminum border and melamine filler or formica panels or made with aluminum profile with single or double glazing and intermediate blinds.

PARTITION TYPES

TYPE 1

SCP S-1000 movable partition blind up to 0.90m height with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and and intermediate expanded polystyrene 32mm as an insulating material.

From a height of 0.90m to a height of 2.10m, a glasshouse is created from one or two single panes of glass with gap and feature internal blind. From the height of 2.10m to the ceiling a skylight is created from one or two single panes of glass with gap. The glazing be securit of plain.



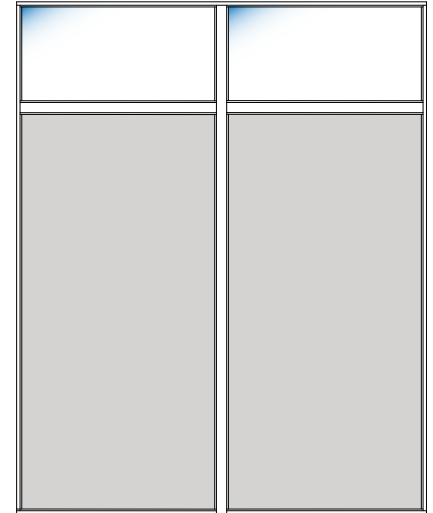
For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.



TYPE 2

SCP's S-1000 movable partition blind up to 2.10m height with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and intermediate expanded polystyrene 32mm as an insulating material. From the height of 2.10m to the ceiling a skylight is created from one or two single panes of glass with gap. The glazing be securit of plain.



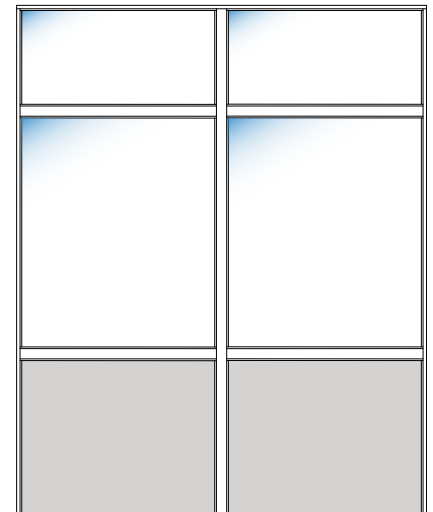
For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.

TYPE 3

SCP S-1000 movable partition blind up to 0.90m height with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and intermediate expanded polystyrene 32mm as an insulating material.

From a height of 0.90m to a height of 2.10m, a glasshouse is created from one or two single panes of glass with gap and feature internal blind. From the height of 2.10m to the ceiling a skylight is created from one or two single panes of glass with gap. The glazing be securit of plain.



For the construction of the frame will be used:

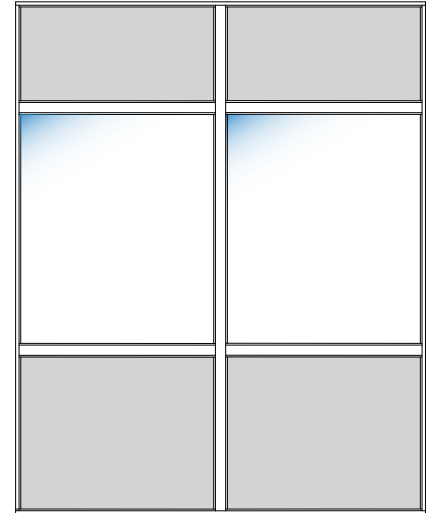
- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.



TYPE 4

SCP S-1000 movable partition blind up to 0.90m height and from 2.10m height up to ceiling with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and intermediate expanded polystyrene 32mm as an insulating material.

From a height of 0.90m to a height of 2.10m, a glasshouse is created from one or two single panes of glass with gap and feature internal blind.



For the construction of the frame will be used:

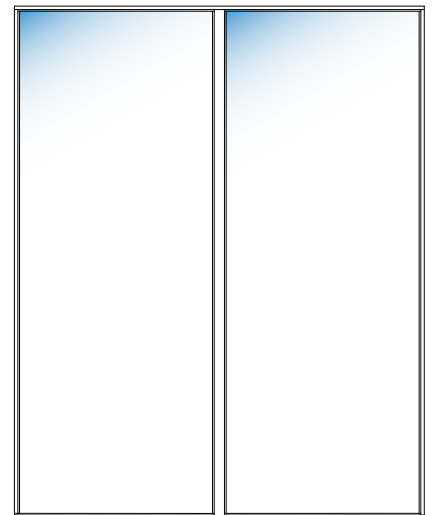
- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.

TYPE 5

SCP S-1000 movable partition full height glass with material filling from one or two single panes of glass with gap and possibility of internal blind.

For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.





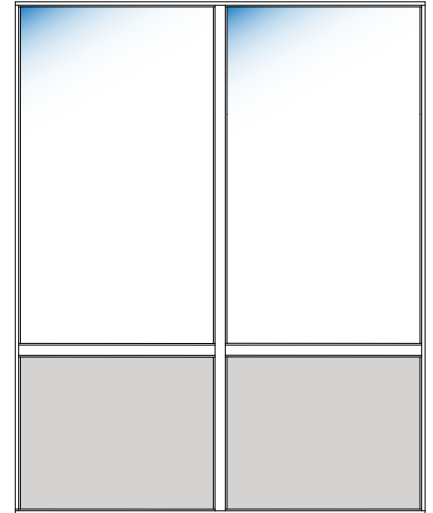
TYPE 6

SCP S-1000 movable partition blind up to 0.90m height with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and intermediate expanded polystyrene 32mm as an insulating material.

From a height of 0.90m up to ceiling, a glasshouse is created from one or two single panes of glass with gap and feature internal blind.

For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.



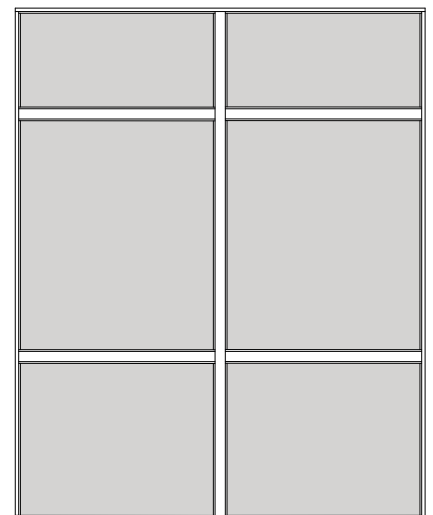
TYPE 7

SCP S-1000 movable partition blind in full height with material filling, consisting of two 4mm thick MDF sheets each, lined with formica sheet HPL and in between 40mm thick stone wool as insulation, or two sheets of melamine 8mm thick each, color choice of supervision from color chart and intermediate expanded polystyrene 32mm as an insulating material.

The surface is divided by horizontal profiles 6 cm total thickness.

For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.





TYPE 8

SCP S-1000 movable partition full height glass with material filling from one or two single panes of glass with gap and possibility of internal blind. The surface is divided by horizontal profiles 6 cm total thickness.

For the construction of the frame will be used:

- SCP 1051 aluminum profile is used as column, cross-section dimensions 61x40mm, thickness 1.4mm and weight 1100gr/m.
- SCP 1052 aluminum profile is used as perimeter, cross-section dimensions 61x20mm, thickness and weight 680gr/m.
- SCP 1054 aluminum lath for filling material up to 50mm, cross-section dimensions 13x13mm, thickness and weight 112gr/m.
- SCP 1055 aluminum lath for filling material up to 10mm, cross-section dimensions 25x13mm, thickness 1.4mm and weight 167gr/m.
- SCP 1056 aluminum lath for filling material up to 32mm, cross-section dimensions 13.5x13mm, thickness 1.4mm and weight 120gr/m.

