



Door frames specifications for 75mm - 100mm, 110 – 135mm or 135mm+ variable thickness drywall partitions with 46mm door.

A) Variable thickness aluminum frames for dry construction partitions (46mm door leaf)

Aluminum frames are designed to combine and high aesthetic result with the stability and functionality of the construction, with an external hinge. The frames are delivered ready and cut in standard dimensions, also in special dimensions, in packaging that will include all components for their correct application.

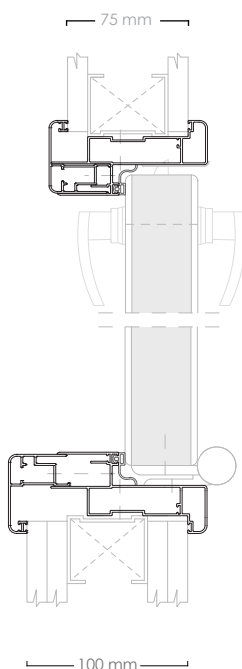
The profiles are made of heat – hardening machinable alloy A-GS(50S) according to AFNOR (AlMgSi0.5 according to DIN), with an average hardness value of 76BRINNELL(HB10), breaking stress of 23 kp/mm² and elongation $\delta_{50}=6\%$.

The profiles are powder coated with a thick coat of 70 – 80µm in standard colors RAL9016 and RAL7011, with the possibility of painting in any RAL color.

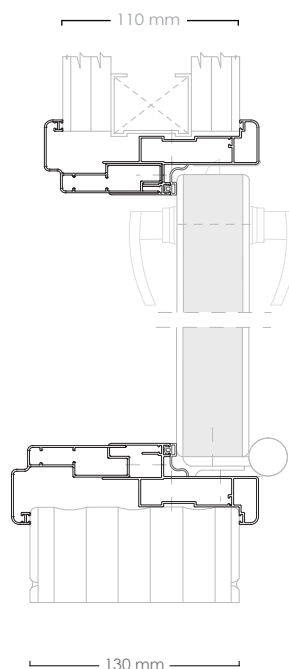
The series includes aluminum profiles for divided cases, the cross-sections of which follow the dimensions of the profiles, i.e they differ depending on the plasterboard construction in which to be applied.

Combination of profiles depending on wall thickness.

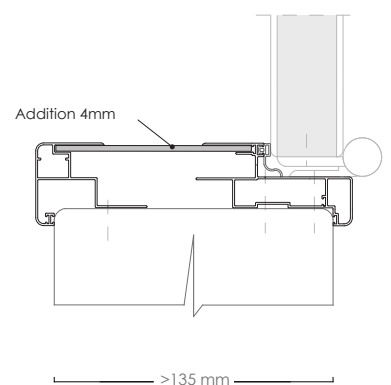
For wall thickness 75 to 100mm	D1+D2	detail 1
For wall thickness 110 to 135mm	D1+D4	detail 2
For wall thickness 135mm	D1+D3 + Wood or aluminum addition	detail 3



detail 1



detail 2



detail 3



For the correct frame's installation special components have been designed to simplify it the work of the manufacturer. These components are:

Alignment angle: Special component, which is placed in three points on the profile, during the connection acts as a guide for the correct and stable application of the profiles to each other.

Clamping angle: Special accessory consisting of two parts which is installed with Allen No5 in the special slots of in the main profile (D1). It creates the main frame.

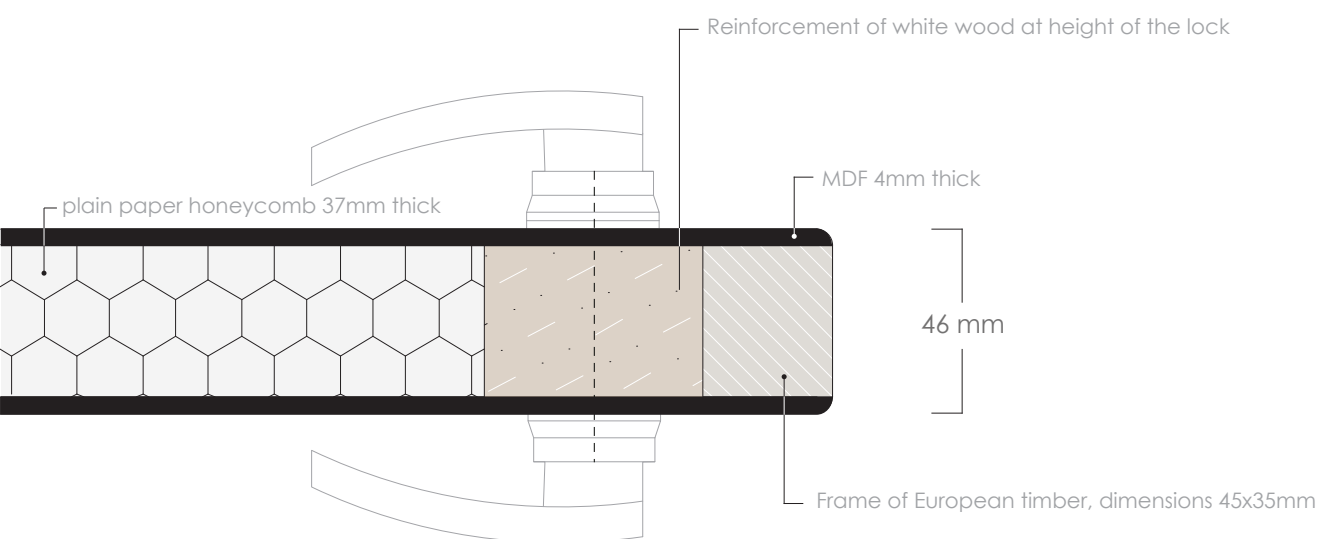
Connection angle: special application angle which is installed with Allen No5 in the special slots of in the secondary profiles (D2 or D3 or D4). They create the secondary frame.

B) Internal doors 46mm thick

B1) Pressed MDF doors, ready for painting, with a total thickness of 46mm with double sided Mdf sheet lining (Medium Density Fiber) of HDF (High Density Fiber) which exhibits minimal moisture absorption, homogeneity in the mass with good mechanical properties and excellent smoothness with a particularly satisfactory possibility processing. It is a material in the form of a plate and it is made of lignocellulosic fibers that are compressed with 6mm thick wood fibers, European timber frame and 37mm plain paper honeycomb core.

For the above doors, the accessories required for their installation are also available, i.e. locks, handles.

*Possibility of constructing a door with a skylight of aluminum profile.

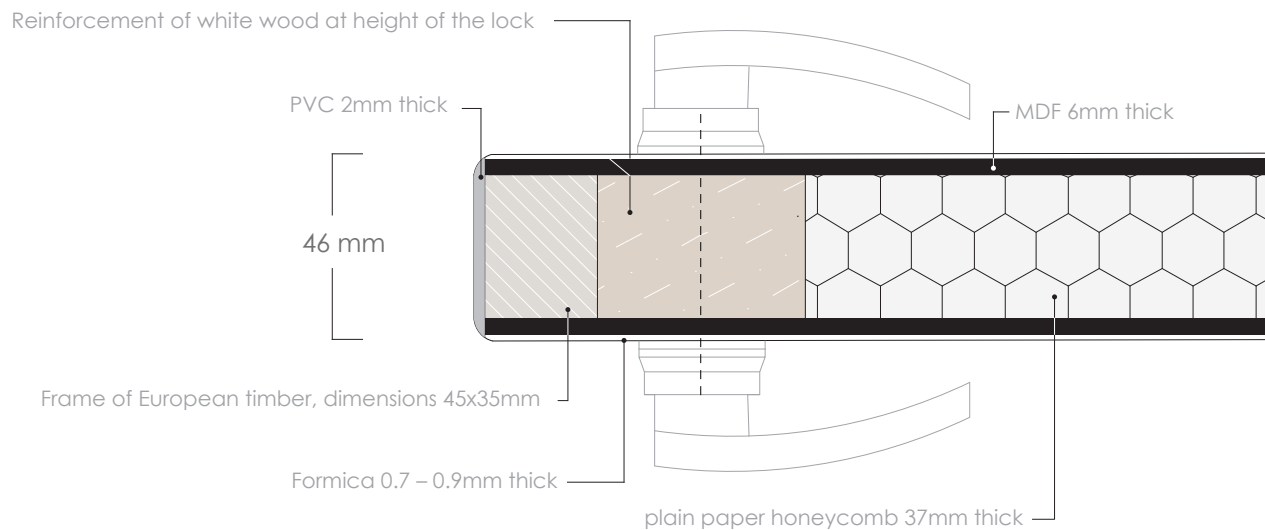




B2) Pressed formica doors (HPL) with a total thickness of 46mm, with double – sided formica lining (decorative dipped paper glued to phenolic and melamine resins) 0.70 – 0.80mm thick, PVC edge close to formica's color, European timber frame and plain paper honeycomb 37mm.

For the above doors, the accessories required for their installation are also available, i.e. locks, handles.

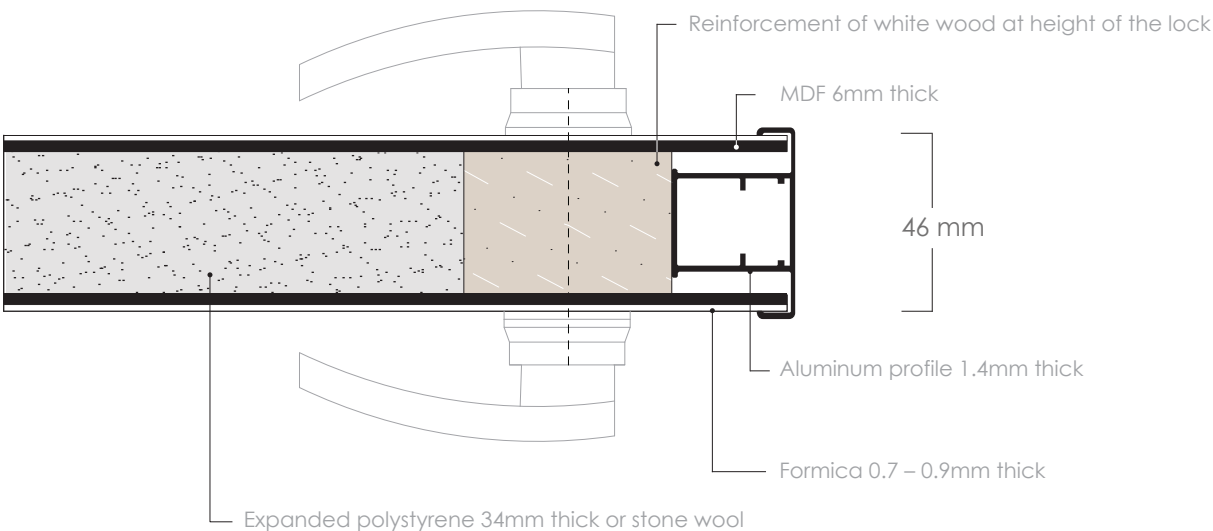
*Possibility of constructing a door with a skylight of aluminum profile.



B3) Pressed formica doors (HPL) with a total thickness of 46mm, with double – sided formica lining (decorative dipped paper glued to phenolic and melamine resins) 0.70 – 0.80mm thick, visible aluminum rim, European timber frame and 37mm expanded polystyrene core or stone wool.

For the above doors, the accessories required for their installation are also available, i.e. locks, handles.

*Possibility of constructing a door with a skylight of aluminum profile.





B4) Glass doors with aluminum frame of total thickness 46mm, with single, double or double with intermediate glass blind, full height or with skylight and blind part and formica panel at the bottom. The suspension is done with external hinges and a reset mechanism can be applied.

For the above doors, the accessories required for their installation are also available, i.e. locks, handles.

With Transom

With transom dimensions 860x2140mm or special dimensions, blind up to 900mm from the ground, with panels from double MDF and formica sheet lining and expanded polystyrene in between, while the rest with two single glasses and between them a 25mm wide metal curtain (blind). The doors are drilled to receive a lock.

With Blind

With blinds of dimensions 860x2140mm or special dimensions, complete with two single glasses and between them a 25mm wide metal curtain (blind). The doors are drilled to receive a lock.

