



Specifications of GY – Standard plasterboard frames for fixed internal glazing, fixed thickness 75mm, 100mm and 125mm.

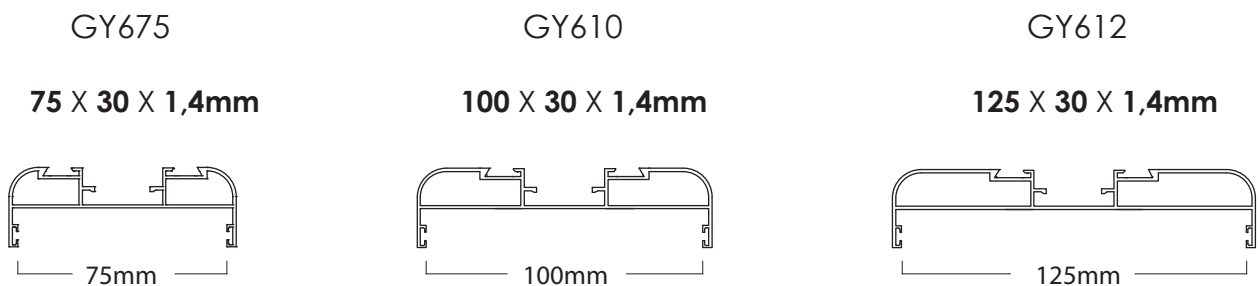
A) Main Profiles

The SCP GY-GLASS series of fixed glass units is applied to plasterboard partitions, 75mm, 100mm and 125mm thick, to create sockets that can accept single panes, standard double or even two single panes with the possibility of applying internal blinds in between. The series is characterized by easy and quick application, as well as a high aesthetic effect.

The aluminum alloy specifications of the series are thermosetting machinable alloy A-GS (50S) according to AFNOR (AlMgSi0.5 according to DIN), with an average hardness value 76BRINNELL (HB10), breaking stress 23 kp/mm² and elongation δ50=6%.

The profiles are powder coated and the coat thickness is 70 – 80mm.

The series also includes aluminum profiles for frames, the cross-sections of which follow the dimensions of the profiles, varying according to the plasterboard construction in which may be applied and in detail they are:



B) Secondary Profiles (laths)

The secondary profiles are applied to the main profiles depending on the type, thickness and the combination of glass panels is foreseen by the study.

There profiles are :

1054	1055	1056	1094

The series also includes aluminum profiles for frames, the cross-sections of which follow the dimensions of the profiles, varying according to the plasterboard construction in which to be applied and in detail they are:

The profiles are powder coated and the coat thickness is 70 – 80mm.



C) Components

For the correct installation of frame, special components have been designed that aim to simplify the work of the installer.

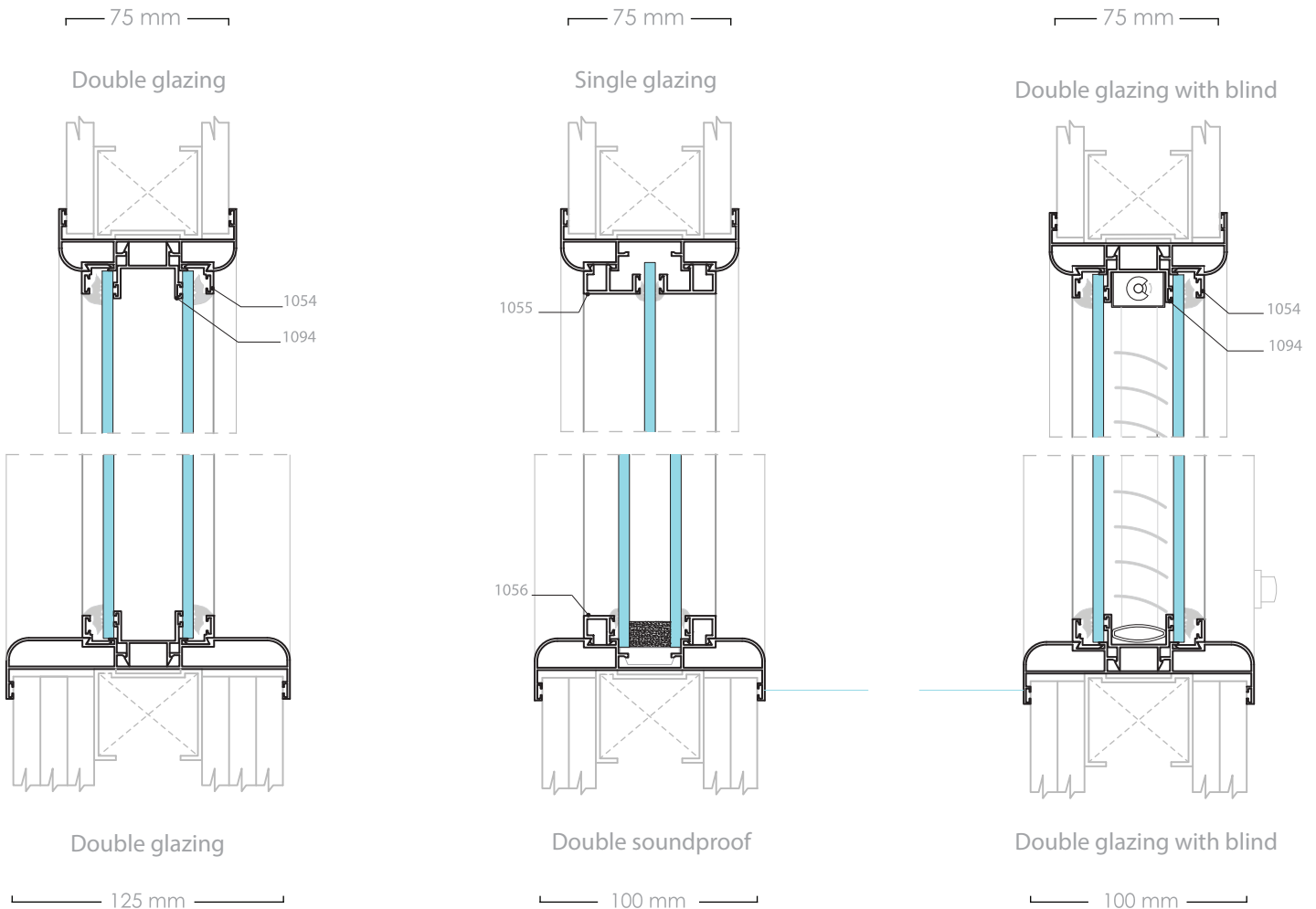
C1: Alignment angle: Special part made of galvanized steel, 2mm thick, which can be installed in three points on the profile, during the connection it acts as a guide for the correct and stable application between the profiles.

C2: Joint angle GN151: Special angle made of die-cast aluminum, which is designed for frames which are installed after the plasterboard frame's installation and it is served as a guide for the correct application of the frame.

C3: Application

the frame is delivered cut to the required dimensions and it is delivered with all accessories packed, with one of the four pieces of the master profile torn in two lengthwise to be applied on both sides of the opening with the alignment angles.

Then, with the joint angles, we ensure the absolute application of the main profiles. Then, the secondary profiles are applied by snapping on the top of the main ones.





D) Glass Panes

After the application of the secondary profiles (laths), the glass panes are applied which secure with rubbers (wedges) whose size is determined by the thickness of the glass panes.

