



Technical description of the system ("PG" curtain wall)

- **Structure:** The system consists of mullions and transoms with a perspective view of 50 mm. The depth of the same instead varies from a minimum of 50 mm to a maximum of 250 mm so as to allow, in function of the loads (static or dynamic), the choice of the profile with the inertial characteristics suitable. The rear-end collisions, transparent or opaque, are installed and supported by the outside pressure, in turn, secured by stainless steel screws. On the above pressure range to shoot the guard that may be of varied nature aesthetics (square, rounded, in the shape of ogive,...).
- The whole structure can be assembled on site with the help of brackets that allow adjustment in three directions so as to obviate any misalignment of the walls.
- All components mentioned thus far are aluminum.
- **Sealing system:** All joints between the various components (mullions, transoms, cladding,...) are made by rubber components compact or expanded duly compressed to ensure their proper functioning. In addition to the proper ventilation of the cladding, and to drain any water infiltration, are practiced slots on the pressure and on the covers.
- For proper installation, should refer to the instructions in the technical catalogue.
- **Thermal break:** The thermal performance is ensured by inserting spacers of insulating material between the internal and external profiles at the rear-end collision. In function of it are provided for different sizes of said spacers, so as to maximize its effectiveness.
- **Openable windows:** In the facade " WS 50 Curtain Wall " you can enter through dedicated profiles, all kinds of open.
- **Panes and Panels:** The system allows, by means of the combined choice of gaskets-screws-spacers, the installation of glass panes or panels with thicknesses from 6 to 50 mm.
- **Accessories:** The entire system is linked to the original accessories, custom-designed and tested, which allow and guarantee proper operation.
- **Constructive possibilities:** Types achievable, thanks to the variety of profiles, are varied: vertical structures, sloping roofs, angles, winter garden, pyramids, etc.
- **Performances:** All performance claims are the result of mandatory and voluntary tests carried out on samples with supervision, if required, by a third party notified.