



TECHNICAL SYSTEM DESCRIPTION

The TEHNOMARKET VISTAL [point] system is a point-fixed stainless steel support system for glass railings, designed for interior and specialized architectural applications. The system combines minimalist design, safety, and transparency, enabling secure fixing of glass panels without the need for conventional posts or frames, thus creating a “floating” glass railing effect and a clean visual appearance.

- Aluminum profiles are manufactured through the extrusion process at Tehnomarket production facilities. The raw material used for profile production is primary aluminum alloy AlMgSi0.5 (AA6063 and AA6060), with a minimum tensile strength of 210 kN/mm².
- The system uses point-fixed supports with a diameter of 50 mm, ensuring secure and stable fixing of glass panels.
- Supports are made of stainless steel (INOX), with PA sealing elements that provide glass protection and proper fitting.
- The system exclusively uses tempered laminated glass (ESG/VSG) in multiple thicknesses: 12 mm, 8.8.4, and 10.10.4, with a maximum panel width of 1200 mm.
- The maximum height of the glass panel is 1500 mm.
- The system supports glass fixing using two or more point connections, depending on the dimensions and structural requirements of the project.
- Point-fixed installation eliminates the need for conventional posts and frames, achieving a minimalist appearance and maximum visual transparency.
- Various surface finishing options are available, including brushed and polished AISI 304 stainless steel, as well as powder coating of aluminum components.