



TECHNICAL SYSTEM DESCRIPTION

The SLIDE H28 system is Tehnomarket's non-thermally broken aluminium sliding solution, developed for the fabrication of sliding elements ranging from standard dimensions to large glazed openings. Designed for residential and commercial applications where thermal insulation is not a primary requirement, the system is particularly suitable for terrace enclosures, interior partitions, and projects in milder climatic conditions. Its slim profile geometry enables the creation of light, elegant, and highly transparent glazed surfaces that maximize natural daylight and strengthen the connection between interior and exterior spaces. The system supports both two-track and three-track configurations, accommodating opening schemes ranging from two to six sliding sashes. An optional external sliding insect screen is available for two-track configurations, while the slim 28 mm deep sash profile allows the creation of lightweight constructions with generous glazing areas and refined architectural aesthetics.

- Aluminium profiles are manufactured in Tehnomarket's own extrusion facility using primary aluminium alloys AA 6060 and AA 6063 (AlMgSi0.5), ensuring consistent quality, structural integrity, and long-term durability.
- The system is based on frame profiles with an installation depth of 45 mm in two-track configurations and 100 mm in three-track configurations, combined with a slim 28 mm deep sash profile.
- Fixed and sliding sashes support single and double glazing configurations, as well as other infill materials, with thicknesses ranging from 6 mm to 20 mm.
- The system is compatible with sliding hardware solutions from renowned manufacturers, including Giese and Fapim, ensuring reliable and smooth operation.
- Excellent weather sealing and operational security are achieved through membrane brush seals and a central interlocking system featuring a specially designed aluminium profile.
- The system supports up to six sliding sashes with maximum sash dimensions of 2200 × 2200 mm and a maximum sash weight of 80 kg.
- An optional sliding insect screen can be installed on a dedicated independent outer track.