



TECHNICAL SYSTEM DESCRIPTION

T-FENCE is a modular aluminium fencing system designed for modern perimeter enclosures, privacy screens, and entrance gates. Manufactured from high-quality EN AW 6063 T5 aluminium profiles, the system combines durability, corrosion resistance, and contemporary architectural design to create elegant fencing solutions for residential, commercial, hospitality, industrial, and public-sector projects. The system supports multiple slat geometries, including rectangular, louvre, and sunshade profiles, which can be installed in horizontal, overlapping, or vertical configurations to achieve different levels of privacy and visual expression.

Combined with a wide range of post options and integrated swing or sliding gate solutions, T-FENCE provides exceptional design flexibility while ensuring long-term performance and minimal maintenance requirements. Suitable for installation on ground-mounted or wall-mounted structures, the system enables architects and investors to create cohesive perimeter solutions that complement contemporary architecture.

- 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
- Multiple profile options including rectangular, louvre, and sunshade slat designs
- Horizontal, vertical, and overlapping slat configurations
- Compatible with ground-mounted and wall-mounted installations
- Square aluminium posts in 80×80 mm, 60×60 mm, and 40×60 mm dimensions
- Maximum fence heights up to 2200 mm
- Maximum pillar spacing up to 2500 mm depending on selected profile type
- Single-leaf, double-leaf, and sliding gate solutions
- Powder-coated or anodized surface finishes
- Corrosion-resistant construction with stainless-steel accessories for long-term outdoor durability