



TECHNICAL SYSTEM DESCRIPTION

TMHL 30 is a non-insulated aluminium system developed for the fabrication of doors, partitions, and smaller glazed elements in applications where thermal insulation is not a primary requirement. The system is particularly suitable for utility spaces, auxiliary buildings, and interior environments, while also providing reliable protection against moisture, weather exposure, and air infiltration. It supports glazing and infill thicknesses ranging from 4 mm to 9 mm. Designed around a simplified profile concept, TMHL 30 delivers full system functionality using only four core aluminium profiles. Its slim profile geometry, with a sash depth of 30 mm and a visible profile height of only 66 mm, enables the creation of lightweight and elegant elements with a contemporary architectural appearance. Thanks to its economical design, ease of fabrication, and versatile application possibilities, TMHL 30 represents an efficient solution for interior partitions, doors, and smaller glazed structures where simplicity, functionality, and clean aesthetics are key project requirements.

- 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.
- Cost-effective non-insulated aluminium system for interior and utility applications
- Full system functionality based on only four core aluminium profiles
- Supports glazing and infill thicknesses from 4 mm to 9 mm
- Slim 30 mm sash profile depth and minimal visible profile dimensions
- Suitable for doors, partitions, service areas, and smaller glazed elements
- Optimized for projects where thermal insulation is not a primary requirement
- Simple fabrication and installation process with a reduced number of system components
- Available with powder coating in all RAL colours or anodized surface finishes