



Window system with slim profiles

MB-FERROLINE

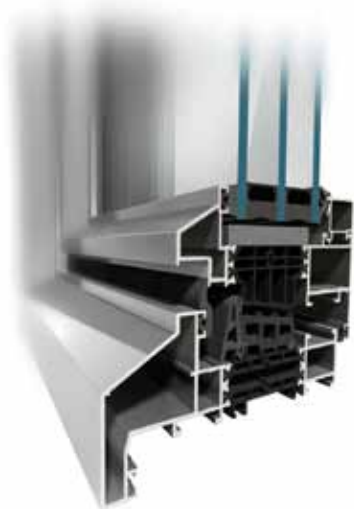
The new window system with thermal break **MB-FERROLINE** is perfectly suitable for renovation of historic buildings and helps to preserve the appropriate appearance of windows, which can imitate steel joinery, whilst ensuring very good technical performance of the construction. The system enables the fabrication of various types of highly resistant, inward opening windows (side-hung, hopper, tilt-and-turn windows), outward opening windows (side-hung and top hung windows) and fixed windows of an excellent water resistance, air tightness, and sound insulation performance.

Several types of profile appearance are offered. Renovation frames available within the system enable for installation of new constructions without having to disassemble the old frames, and there is no risk of damage to the surrounding wall. The adjusted, visible width of aluminium profiles makes the old and new windows look virtually identical. Based on reliable solutions and offering a whole range of appropriately shaped new profiles, **MB-FERROLINE** enables the fabrication of constructions that fit the appearance of the building.

- *wide range of solutions*

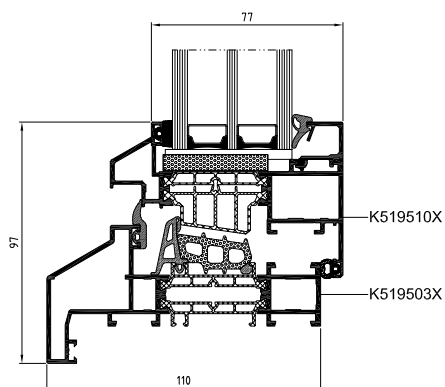
- *high thermal insulation*



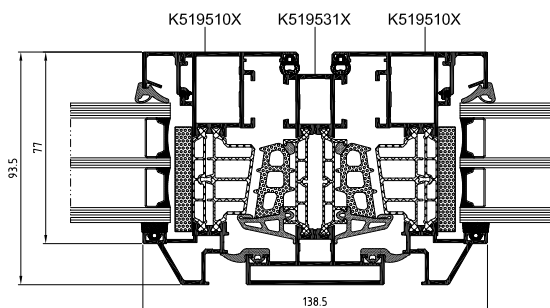


FEATURES AND BENEFITS

- classical appearance
- MB-86-based technical solutions ensure an excellent thermal protection of the construction, profiles come in two versions with different thermal insulation performance: ST and SI
- high resistance to water & air infiltration
- wide range of glazing up to 61.5 mm
- application of the typical euro grooves enable the installation of most of the available fittings offered by major companies



Openable window with renovation frame
- cross-section



Window transom & openable windows
- cross-section

| TECHNICAL SPECIFICATION | MB-FERROLINE |
|-----------------------------|-------------------|
| Depth of frame | 77 mm – 110 mm |
| Depth of leaf | 86 mm – 93,5 mm |
| Glazing range: frame / leaf | 13,5 mm – 61,5 mm |

| PERFORMANCE | MB-FERROLINE |
|----------------------|-------------------------------------|
| Air Permeability | class 4, EN 12207 |
| Watertightness | to class E1350, EN 12208 |
| Wind load resistance | to class C5, EN 12210 |
| Thermal insulation | U_f from 1,5 W/(m ² K) |