

Aluminium Windows Specifications

We have chosen the Aluprof MB-70 Window Suite which offers high performance windows and great flexibility in terms of design and opening options. As all the windows are from the same suite it also offers great continuity between the windows.

The Aluprof MB-70 is a high performance and fully integrated window. Due to the specially designed polyamide break and extruded gaskets that are incorporated into the aluminum profile it offers excellent thermal insulation performance with the U_f rate from $1,0 \text{ W/(m}^2\text{K)}$ and reduced noise properties.

The range perfectly suits curtain walling and framing products and is appropriate for installation in low and high rise buildings for new buildings and refurbishment project

The window profiles themselves consist of a three-chamber structure featuring “omega” style thermal breaks consisting of polyamide reinforced with fibreglass. Not only does the “omega” style thermal breaks which not only offer low “u” values but also increase the rigidity of the profile in comparison to the standard “flat” thermal breaks. Due to this, the system can offer excellent thermal insulation performance, with a U_f rate from $1.0 \text{ W/(m}^2\text{K)}$ and reduction of noise transmission.

Window profiles can be powder coated to any standard RAL colour so that you can make your windows bespoke to your project. Dual colour, textured, & woodgrain options also available.

We have chosen to supply all windows as standard with double glazed units featuring 4mm Clear Toughened & 4mm Low ‘e’ Toughened glass complemented with Warm Edge Spacers & Argon Gas Filling. Glass specifications can be changed to suit your needs, the options are endless.

There are many ironmongery options and finishes available as the window suite uses a standard Eurogroove.

Our aim is to manufacture high performance aluminium windows for a fair cost that will transform your project and last decades.

Thermal insulation: U_f from $1,0 \text{ W/(m}^2\text{K)}$