

OTIIMA FLEX authored by CA








“Sometimes we want to merge the window in the building to a minimal expression.

Sometimes we want to have a visual frame, a window enhancement as a composition element. Other times we want both expressions to value a particular composition.”

José Manuel Carvalho Araújo

FLEX frame is an architectural glazing system, that combines the highest technical performance of today's most demanding standards in the construction market, with the elegance and delicateness of minimalist steel and wooden frames hand-made by metal workers, with the purpose of catering for the different types of frames in a single solution, with maximum visual language, blending the result within the construction for a plain and simple appearance

FLEX frame optionally allows for the inclusion of a decorative wooden sub-frame in different sizes, which can add character, enhancing the window and making it an essential element of the architectural composition.

	Watertightness ISO EN 12208 + ISO EN 1027	E 950 (2 classes above 9A)
	Air Permeability ISO EN 12207 + ISO EN 1026	Class 3 (600 Pa or 110Km/h)
	Wind Resistance ISO EN 12210 + ISO EN 12211	Class 3 (1200 Pa or 155 Km/h)
	Impact Resistance ISO EN 12600 + ISO EN 1630	Class 5 (In 6 possible classes)
	Acoustic Insulation ISO EN 10140 + ISO EN 717	Rw: 42db (up to)
	Security ISO EN 1627	RC2:(WK2)
	Thermal transmittance Uw Ug = 0,7	up to Uw 1.2 W/ m² K

Calculation module 4.60 x 3.00 to Thermal transmittance
ISO EN 10077-1 + ISO EN 10077-2 (up to)

