

OTIIMA FUSION 1.0 revolution








A system that is completely merged within the architectural and finishing materials, offering: hidden head, sill and jamb frames.

The window totally merges with the building, becoming one.

FUSION offers you a system which is completely built into the finishing materials, as if the window is merged with the building, becoming one. This system incorporates the window frames with reinforced binding polyamides and toughened glass, providing superior thermal and structural performance. It's an innovative system, completely built-in on all four sides of the frame, providing the perfect fusion and a seamless connection with the interior and exterior spaces.

In addition, **FUSION** incorporates a gutter capable of draining a large amount of rainwater even in extreme situations.

This system has achieved exceptional results in leakage tests, with an e1650 class exceptional, (7 classes above class 9a) according to en 12208 + iso en 1027.

	Watertightness ISO EN 12208 + ISO EN 1027	E1650 (7 classes above 9A)
	Air Permeability ISO EN 12207 + ISO EN 1026	Class 4 (600 Pa or 110Km/h)
	Wind Resistance ISO EN 12210 + ISO EN 12211	Class C5 (2000 Pa or 200 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	up to Uw 1.0 W/ m² K

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

