








**OTIIMA FUSION 1.0** is a system that is completely merged within the architectural and finishing materials, offering: hidden head, sill and jamb frames. Besides, it is a system that requires no maintenance due to the minimal visible slot, that inhibit leaves or other natural dirt to accumulate on its cavity. The window totally merges with the building, becoming one.

**FUSION 1.0** stands out as 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 1.0** incorporates a gutter capable of draining a large amount of rainwater even in extreme situations (see OTIIMA DRAIN complementary system). 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.

	<b>Watertightness</b> ISO EN 12208 + ISO EN 1027	<b>E1650</b> (7 classes above 9A)
	<b>Air Permeability</b> ISO EN 12207 + ISO EN 1026	<b>Class 4</b> (600 Pa or 110Km/h)
	<b>Wind Resistance</b> ISO EN 12210 + ISO EN 12211	<b>Class C5</b> (2000 Pa or 200 Km/h)
	<b>Impact Resistance</b> ISO EN 12600 + ISO EN 1630	<b>Class 5</b> (In 6 possible classes)
	<b>Acoustic Insulation</b> ISO EN 10140 + ISO EN 717	<b>Rw: 42db (up to)</b>
	<b>Security</b> ISO EN 1627	<b>RC2:(WK2)</b>
	<b>Thermal transmittance</b> Uw	<b>up to</b> Ug = 0.7 <b>Uw 1.0 W/ m² K</b>

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

