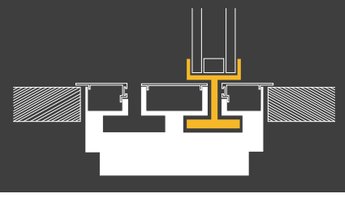
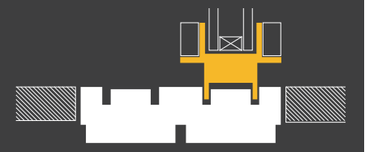
GENERAL TECHNICAL **INFORMATION**

MUSE DESIGN AWARDS





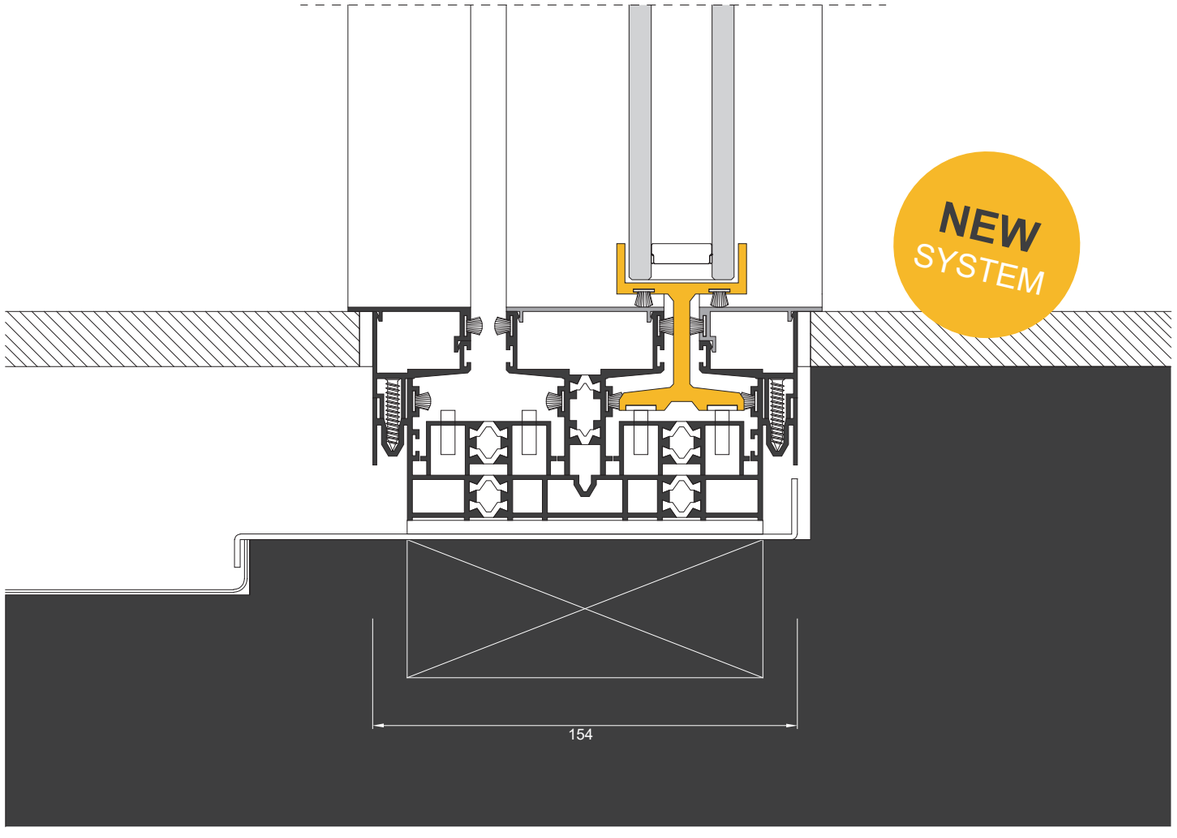
FUSION 2.0

FUSION 2.0 is the new minimalist sliding window system from OTIIMA, Much more than a Window, that merge function, performance and maintenance in an innovative and exceptional way, combining the best thermal, acoustic and permeability performances according to air and water tightness, superior design that blends and perfectly integrates the building, and a unique maintenance caracter, which simplicity like the replacement of the final finishing caps at any time during the life of the building, during or after construction, can be even done by the final user.

At the same time, the system still allows it perimeter cavities below the removable finishing caps, to be transformed into technical spaces for different uses, from mechanical fixings to thermal probes for heating, insulation, lighting, and drainage sensors.

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** (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**
Security ISO EN 1627	**RC2:(WK2)**
Thermal transmittance Uw Ug = 0,7	**Calculation module 4.60 x 3.00** ISO EN 10077-1 + ISO EN 10077-2 (up to up to **Uw** 1,0 W/ m² K

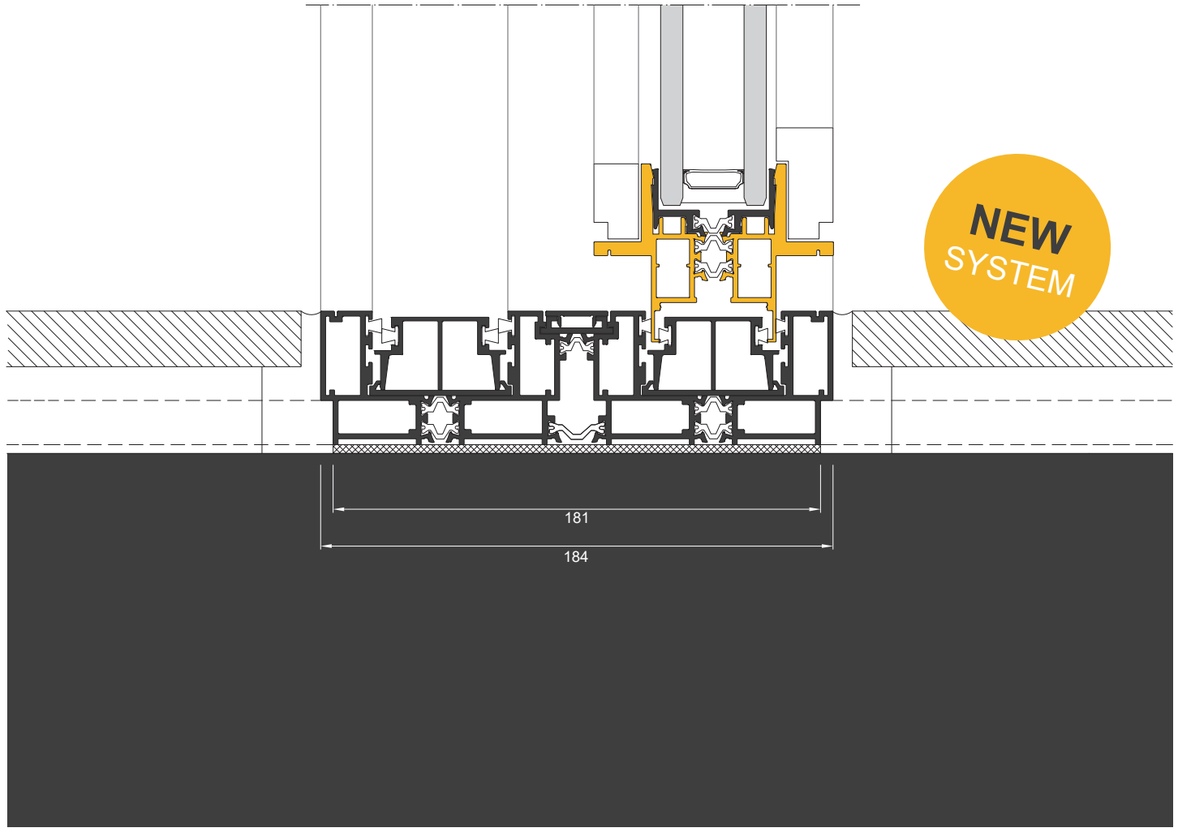


FLEX by CA

FLEX frame is an architectural glazing product, that combines the highest technical performance of today's most demanding standards in the construction market, with the elegance and delicacy of minimalist steel and wood frames hand-made by metal workers, with the additional advantage of solving a diversified range of typologies and solutions in a unique integrated and consistent visual language of the various frames, merging the entire solution in the construction with the purest and simplest appearance.

FLEX frame optionally allows the integration of a wooden decorative sub-frame, which can take on various dimensional and expressions, enhancing the window and making it an integral element of the architectural composition.

"Sometimes we want to merge the window in the building to a minimal expression. Sometimes we want to have a visual framing, a window enhancement as a composition element. Other times we want both expressions to value a particular composition." CA

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**
Security ISO EN 1627	**RC2:(WK2)**
Thermal transmittance Uw Ug = 0.7	**Calculation module 4.60 x 3.00** ISO EN 10077-1 + ISO EN 10077-2 (up to) up to Uw 1.2 W/ m² K