

## FEATURES + BENEFITS

With international patent in 27 countries, the ELVIAL **MULTILOCK 5600i<sup>2</sup>** system offers advanced solutions for safety and energy efficiency plus unmatched durability, resisting 89-102 klm wind speeds.

### HIGH THERMAL INSULATION

**U<sub>f</sub>** : 1.7 – 2.4 W/m<sup>2</sup>K

**U<sub>w</sub>\*** : 1.6 W/m<sup>2</sup>K with double glazing (U<sub>g</sub>: 1.0)

**U<sub>w</sub>\*** : 1.3 W/m<sup>2</sup>K with triple glazing (U<sub>g</sub>: 0.6)

Three insulation levels:

- ▶ Optimized foam-filled insulation zone (ELVIAL I<sup>2</sup> Technology) that ensures excellent isothermal flow of the window.
- ▶ Polyamide bars maximum size 22mm with glass fiber re-enforcement 25% (PA6.6 25 GF), for improved insulation and extra rigidity .
- ▶ Central gasket, glazing gaskets with fins and perimetrical insulation with low density polyethylene, for effective heat transfer minimization.

### SECURITY

Certified **WK2** security level, with up to **21 perimetric locking points**.

### DURABILITY FOR A LIFETIME

**Width** up to 1.350mm /sash ■ **Height** up to 2.350mm

**Weight** up to 130kg /sash ■ **Glazing** up to 53mm

Perfect functionality:

- ▶ **Customized alignment corners** made of polyamide, for extra rigidity of final product.
- ▶ **Corner joints with specially designed recesses** to fasten the hinge pins and absorb the glazing weight.

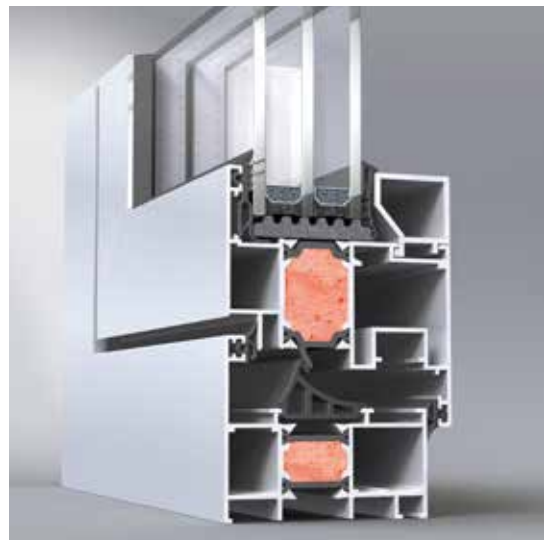
### ADVANCED SEALING SYSTEM, CONSISTED OF :

- ▶ **EPDM gasket corners** for the central gasket, the outer glazing gasket and the perimetric gasket.
- ▶ Optimized EPDM specimen to connect the Mullion End Cup with the central gasket, for effective watertightness.
- ▶ Special drainage channels on the frame and on the sash, which prevent water from flowing to the inner part of the profile.

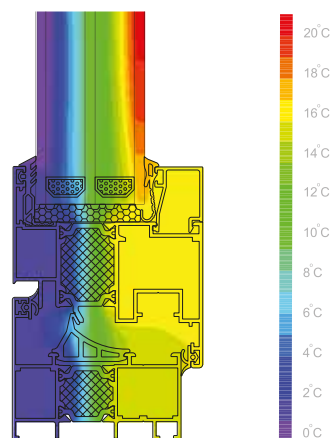
Water tightness result: **E900**, Ift Rosenheim Germany.

**BASIC SYSTEM DEPTH:** 66.9mm / 75.2mm

**MINIMUM FACE WIDTH F-S:** 108.2mm



5600i<sup>2</sup> Multilock



5600i<sup>2</sup> Multilock  
Isothermal Flow

\*One sash construction 1.400mm x 1.400mm.