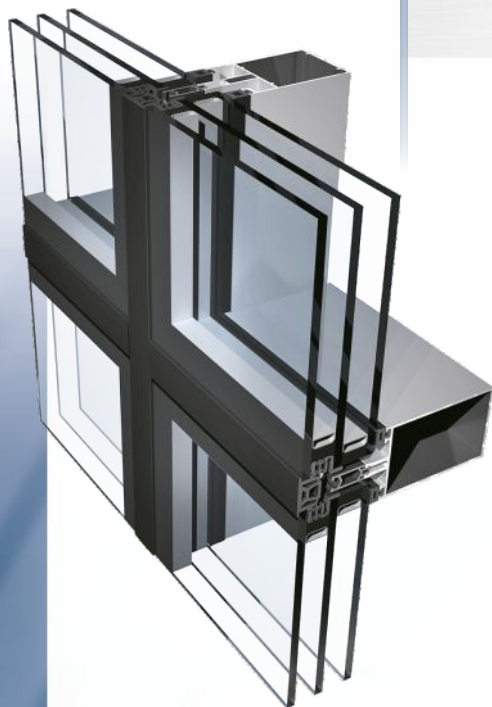


SYSTEM DESCRIPTION



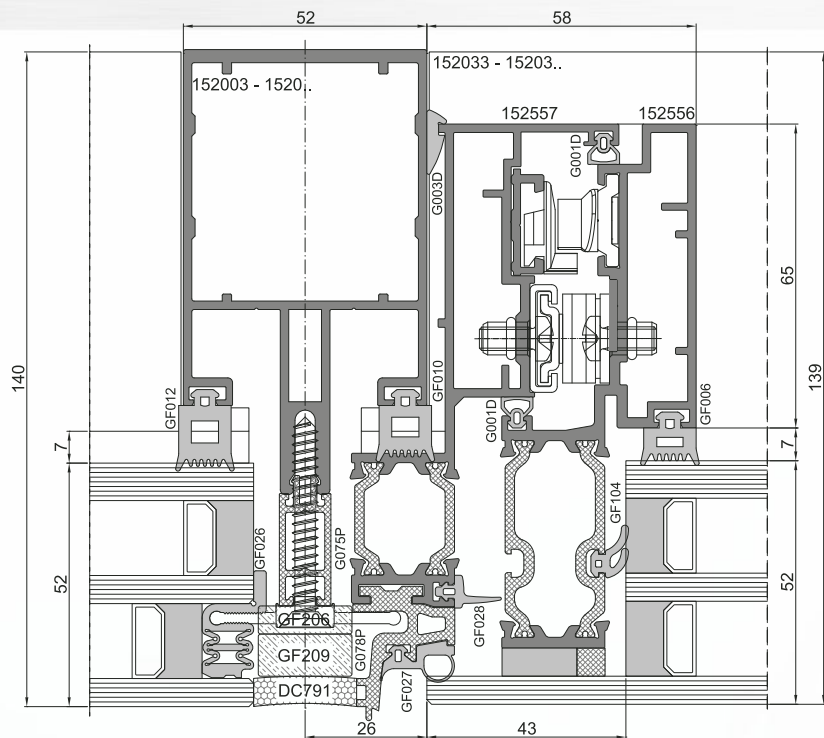
Non frame curtain wall with the structural glazing assigned for the realization of lightweight facades and other spacial constructions. The post-transom construction of PF 152 system is used as a load bearing element. The external side of PF 152ESG is uniform, smooth glass wall divided with vertical and horizontal lines at width of 22 mm using weather silicon or at width of 28 mm using the closing gasket. There is a possibility of assembling double and triple glazed units.

CHARACTERISTICS OF SYSTEM

- construction of tilt windows next to each other, opening autonomously
- two ways of finishing wall surface: silicones or specially designed masking gasket
- single, packet window panels or opaque panels in the width of 26, 28 mm, the possibility of assembling triple glazed units (in the width of 60mm)
- in the standard version the U_f frame heat transfer coefficient equals $1,6 \text{ W/m}^2\text{K}$
- in the facade with triple glazing the U_f frame heat transfer coefficient equals $1,3 \text{ W/m}^2\text{K}$



PF 152 ESG



TECHNICAL DATA

Aluminium profiles

EN AW-6060 according to PN-EN 573-3 T66 according to PN-EN 515 Al Mg Si 0,5 F22 according to DIN 1725 T1, DIN 17615 T1

Gaskets

EPDM synthetic rubber according to DIN 7863 and standard according to ISO 3302-1, E2

Hardware

renowned companies only: Fapim, Geze, Security Style, Roto, Dorma, Esco, etc.

Fillings

single or packet window panels with any kind of glass or opaque panels in the width of 26, 28 mm possibility of assembling triple glazed units (glass: 60 mm thick)

Surface finishing

powder coating with polyester on chromate undercoater according to the Qualicoat standards, any RAL colour at choice; anodized in colours: natural aluminium, olive, champagne, gold, „old gold“, brown - according to the Qualanod standards, lacquered for colour imitating wood

Thermal insulation

frame heat transfer coefficient from 1,3 W/m²K

Permissions and quality certificates

Initial type tests according to PN-EN 13830:2005

