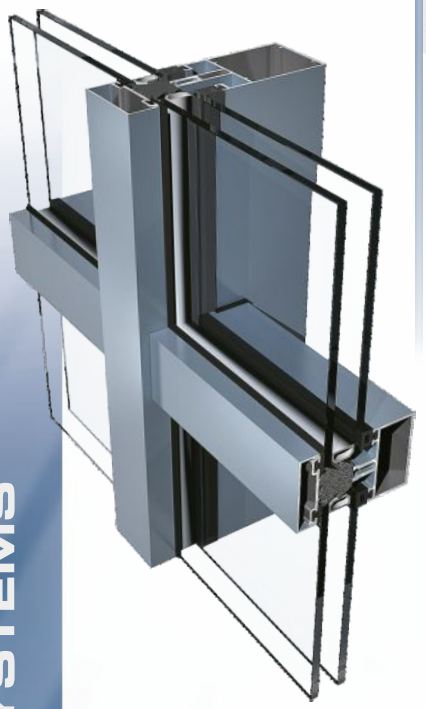
Ponzio

PF 152 HI
SINGLE GLAZED UNIT



SYSTEM DESCRIPTION

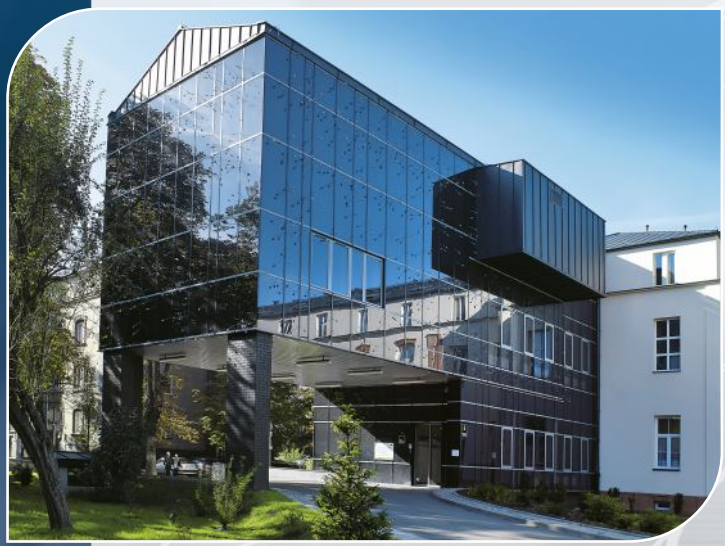
The transom post construction system assigned for accomplishment of curtain walls, rooves and skylights with the higher thermal insulation.

The width of posts and transoms equals 52 mm, for beads 51 mm. The technical solutions allows to construct straight and curve walls, interior and exterior angles and winter gardens. The system can be assembled with the support construction made of steel or wood.

Having used specially designed thermal break, there is a possibility to build walls with frame heat-transfer coefficient U_{cw} = 1,15 W/m^{2}K (for 28 mm single glazed unit).

CHARACTERISTICS OF SYSTEM

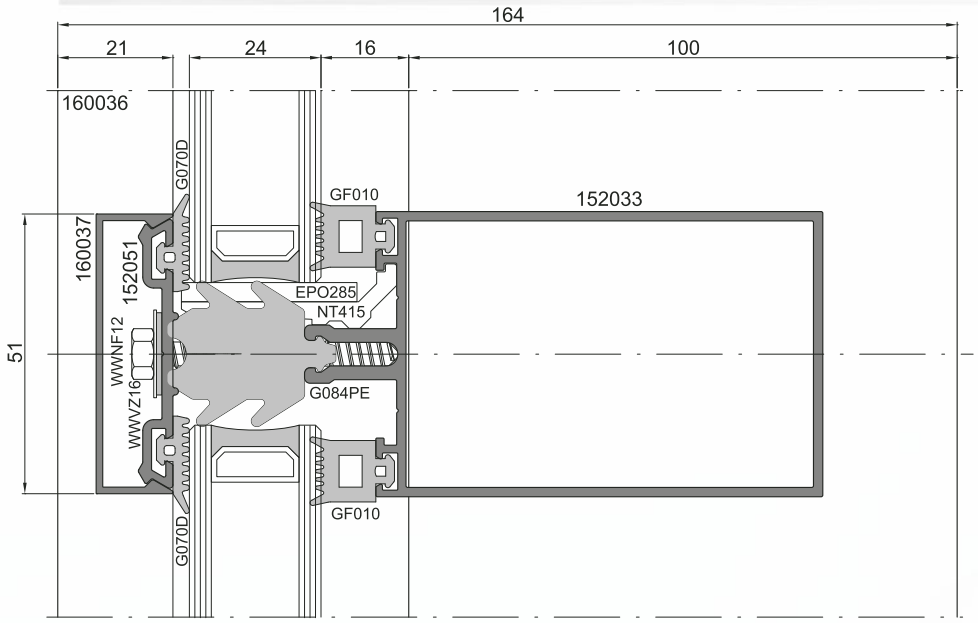
- solutions for lintel window sill belt classified for EI60
- possibility of assembling various decorative external elements
- possibility of accomplishing of either horizontal or vertical lines
- possibility of bending profiles



CURTAIN WALLS SYSTEMS

PF 152 HI

SINGLE GLAZED UNIT



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 3302-01, 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 of width: 2 - 64 mm

Surface finishing

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

Thermal insulation:

frame heat transfer coefficient U_f (U_0) = 1,13 W/m^{2}K with 24 mm thermal insulator

Permissions and quality certificates

Initial type tests according to PN-EN 13830:2005

CURTAIN WALLS SYSTEMS