

## SYSTEM DESCRIPTION

Post-transom curtain wall system with high thermal insulation, most commonly assembled in energy efficient constructions. Specially designed insulating input, which fills the space between glass panels, with its shape and characteristics, improves parameters of the whole construction. The composition of used material provides very good drainage and thanks to its shape the mounting is easy. The assembly is possible after glazing. Thermal parameters allow to achieve the  $U_{cw}$  thermal value at the level of  $0,6 \text{ W/m}^2\text{K}$  (when 48 mm filling is applied ).

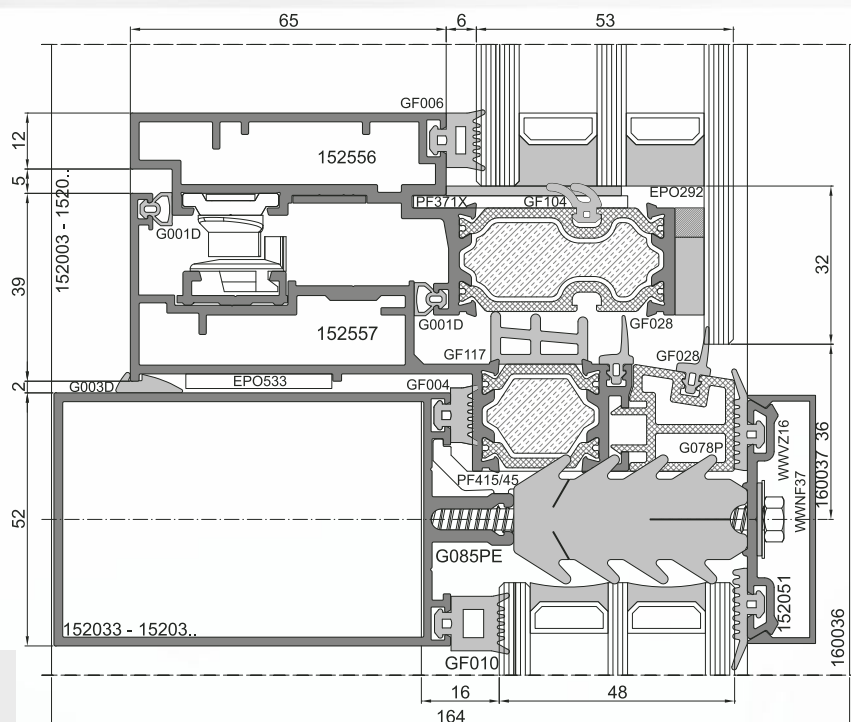
## CHARACTERISTICS OF SYSTEM

- solution for lintel window sill belt classified for EI60
- possibility of assembling various decorative external elements
- possibility of accomplishment of either horizontal or vertical lines
- possibility of bending profiles
- fillings: 38 - 64 mm



# PF 152 HI

## DOUBLE 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 in the width between: 38 - 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, laquered for colour imitating wood

#### Thermal insulation:

frame heat transfer coefficient  $U_f$  ( $U_o$ ) = 0,69 W/m<sup>2</sup>K with 48 mm thermal insulator

#### Permissions and quality certificates

Initial type tests according to PN - EN 13830:2005, Certificate of the Passive House Institute in Darmstadt

