PF 152 HI
SINGLE GLAZED UNIT

SYSTEM DESCRIPTION

The transom post construction system assigned for accomplishment of curtain walls, roofes 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 $U_{ww} = 1.15 \text{ W/m}^2\text{K}$ (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
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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 $U_i (U_i) = 1.13 \text{ W/m}^2\text{K}$ with 24 mm thermal insulator

**Permissions and quality certificates**
Initial type tests according to PN-EN 13830:2005