

SYSTEM DESCRIPTION



Aluminium system profiles without the thermal insulation, mainly dedicated to the interior of buildings: boxes, partition walls, display cases, sliding doors (manually or automatically operated), double acting and smoke hermetic doors.

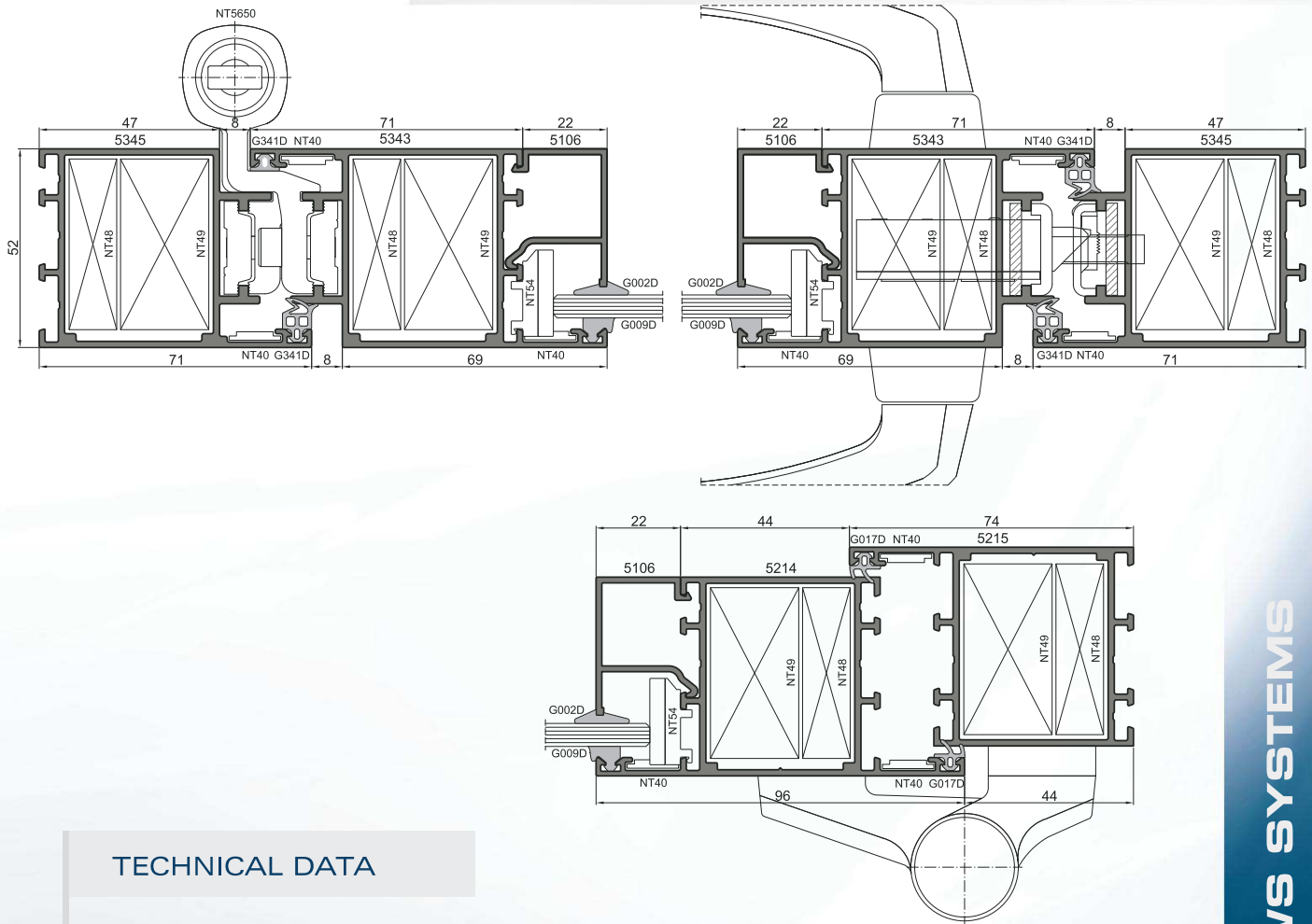
The PT 50 system allows to use the variety of fillings: glass, aluminium panels, „sandwich” fillings, panel boards and PVC of width 1-40 mm. The structural depth for frame and sash is 52-60 mm.

The regular doors or the coplanar doors can be assembled in the PT 50 system. The advantage of axial clamped hinges is an ease of assembly in three planes.

CHARACTERISTICS OF SYSTEM

- precise relation to other Ponizio systems (mutual corners, beadings, toolset and majority of hardware)
- the possibility of facing window sashes (one plane outside) and doors (two planes outside and inside)
- bending profiles
- the variety of door leaves: with wide beam or profiles cut at an angle of 45, with or without threshold
- possibility of assembling smoke hermetic doors





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, Savio, Iseo, Cisa, Hautau, Geze, KFV, etc.

Fillings

single or packet window panels with any kind of glass or opaque panels

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

Acoustic insulation

for glass 44.1/16/6	moduls indicator R_{n2}	OK ₂	38 dB
	moduls indicator R_{n1}	OK ₁	34 dB
	moduls indicator R_w	R_w	39 dB

Smoke control

Sm and Sa class according to PN - EN 13501 - 2:2005

Permissions and quality certificates

Technical approval of Building Engineering Institute AT-15-5214/2012 "System of internal smoke control doors, general applications doors and segments of partition walls of Ponzio PT 50".