

TECHNICAL CATALOGUE



WITAL
EXTRUSION

PRESTIGE
86mm

Wital-Profile.pl

WINDOW AND DOOR SYSTEM PROFILES

INNOVATIVE TECHNOLOGIES
HIGH QUALITY
OF POLISH PRODUCTT

Table of Contents

- 1. General information**
- 2. Overview of system components**
- 3. Maximum dimensions of the sashes (size limitations)**
- 4. Profile overview**
- 5. Assemblies**
- 6. Assembly diagrams**
- 7. Measuring dimensions**
- 8. Statics**
- 9. Performance notes for profiles**

1

2

3

4

5

6

7

8

9

- 1.0 Contents of the chapter**
- 1.1 Guarantee of quality**
- 1.2 Physical parameters of profiles**

Guarantee of quality

1

2

3

4

5

6

7

8

9

WITAL system profiles, made of modified polyvinyl chloride, are the basis for PVC windows and doors. Their production complies with the requirements of Polish standards (PN-88 / B-10085), requirements of the Building Research Institute and refers to research carried out at the Rosenheim Institute.

PW WITAL provides a 5-year warranty for

- unchanging quality of the material,
- fault-free profile design within acceptable tolerances,
- chemical resistance according to the table,
- resistance to light (colour durability) of white window profiles. Difference of colour in relation to the pattern on the 5th degree grey scale.

The guarantee investigation may only take place in the case of actions following PW WITAL guidelines for the processing of window profiles.

Warranty claims will not be recognized for defects because of:

- treatment of the surface with solvents or aggressive detergents,
- improper warehousing and storage,
- incorrect assembly,
- improper treatment and maintenance,
- unusual external impacts,
- force majeure (e.g. natural disasters, fire),
- end-user or third-party activities.

In the event of a justified complaint, we provide a free exchange of material. The claims beyond that, regardless of the legal grounds, have no power. The rules for handling complaints and complaint procedures are set by PW WITAL.

The warranty shall be valid from the day of delivery.

1

Physical parameters of profiles

	Research	Unit	Standard	Result
1	Vicat softening temperature	°C	PN-93 C-89024 B method	80,3
2	Impact strength at temp. -10°C		PN-EN-477:1997	No cracks
3	Resistance to temp. +150°C		PN-EN-478:1997	No noticeable changes on external surfaces, slightly deformed walls inside the design
4	Tensile strength	Mpa	PN-81 C-89034	46,2
5	Impact tensile strength	Mpa	PN-72 C-04243	64,4
6	Charpy notched impact strength	KJ/m ²	PN-81 C-89029	55,3
7	Tensile modulus of elasticity	MPa	DIN 53457	2443
8	Thermal expansion	%	PN-EN-479:1997	1,7
9	Colour fastness over time		PN-86 P-04906	number 5 of grey scale, which corresponds to a change in colour equal to 0.
10	Density ρ	g/cm ³	PN-92 C-89035 B method	1,44 ±0,02