



10, Kursantska Str., Dnipro, Ukraine

wds.ua



new time. new thinking.

 **WDS** 76



EN

WDS 76 MD

New technological flagship

76 mounting width, mm

48 glazing unit, mm

6 chambers






3 gasket contours

WDS 76 MD is a state-of-the-art system built on many years of MIROPLAST Company's excellence and the entire PVC window industry's experience.





This system is geared toward those who want to get the most from their new windows. It is perfect for large-scale glazing in private houses and apartments.



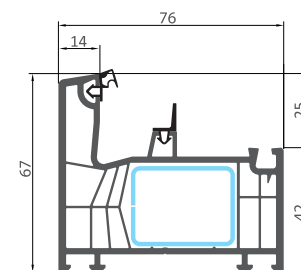
WDS 76 MD
Test report

-  Thermal transmittance $U_w=0,79 \text{ W/m}^2\text{K}^*$
-  Water tightness up to class 9A
-  Resistance to wind load up to class C5
-  Air permeability up to class 4
-  Sound insulation $R_w=38 \text{ dB}$

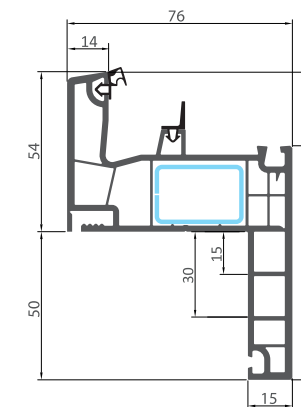
*Glazing unit 4i-18Ar-4-18Ar-4i ($U_g=0,5 \text{ W/m}^2\text{K}$)

-  European standard of energy efficiency
-  Effective soundproofing
-  Tight sealing
-  Large, secure, and durable

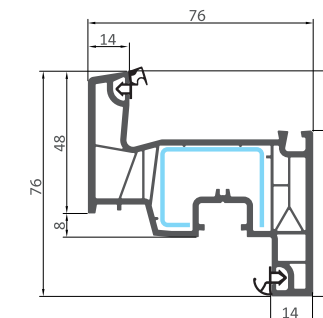
126 Frame



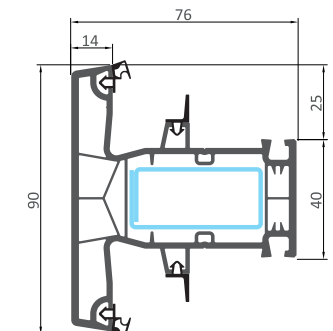
129 Renovation frame



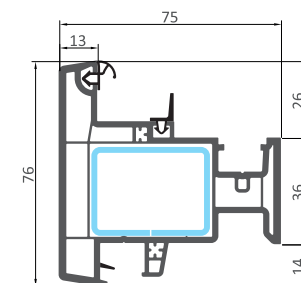
127 Sash



128 Mullion

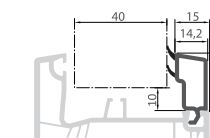


130 Stulp

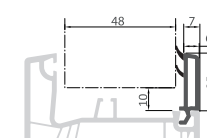


Glazing beads

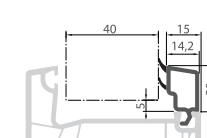
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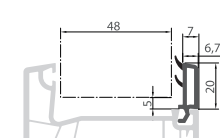
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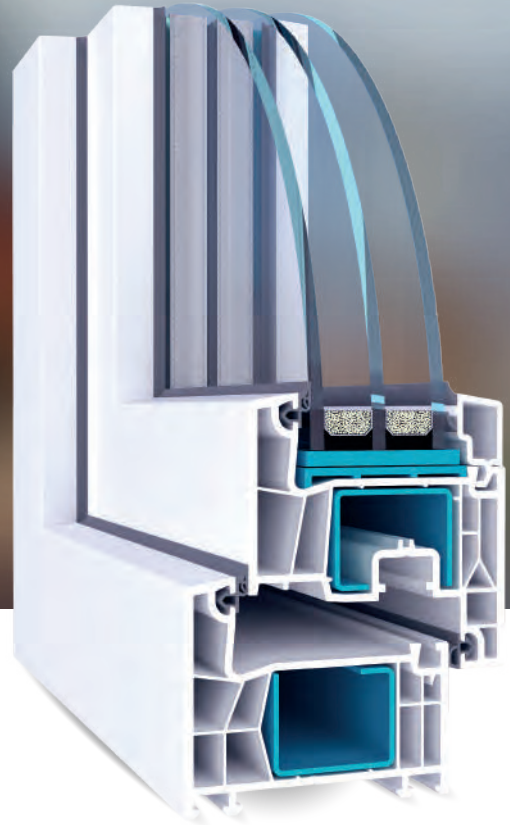


140



141





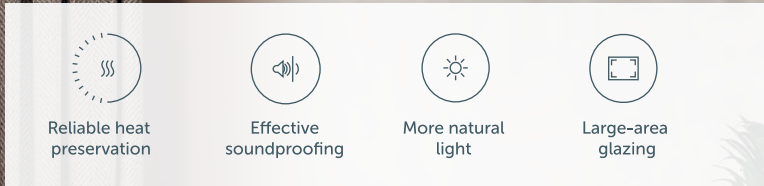
WDS 76 AD






New window standard

76
mounting
width, mm

48
glazing unit,
mm

5
chambers



-  Thermal transmittance
 $U_w=0,82 \text{ W/m}^2\text{K}^*$
-  Water tightness
up to class 9A
-  Resistance
to wind load
up to class C5
-  Air permeability
up to class 4
-  Sound insulation
 $R_w=38 \text{ dB}$

The new **WDS 76 AD** system perfectly balances all quality and design properties.

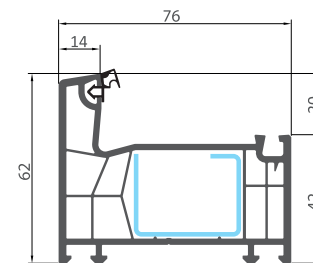
The window solution is reasonably priced, excellently performs in commercial, high-rise, and private housing settings, and meets all European current standards and translucent structure requirements.



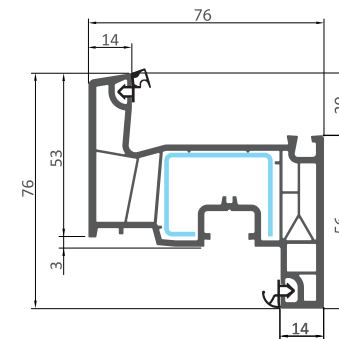
WDS 76 AD
Test report

*Glazing unit 4i-18Ar-4-18Ar-4i ($U_g=0,5 \text{ W/m}^2\text{K}$)

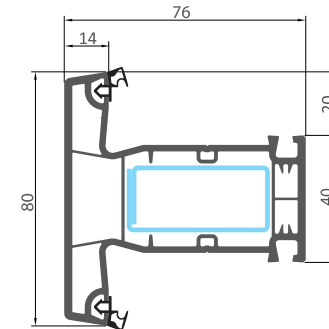
133 Frame



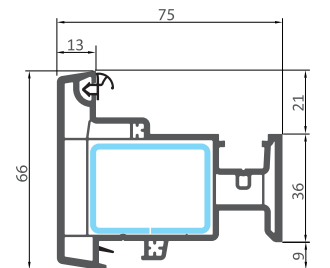
134 Sash



135 Mullion



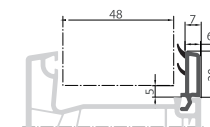
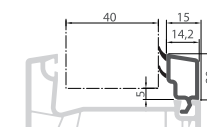
136 Stulp



Glazing beads

140

141





WDS SL 76

New advanced sliding system

76/146

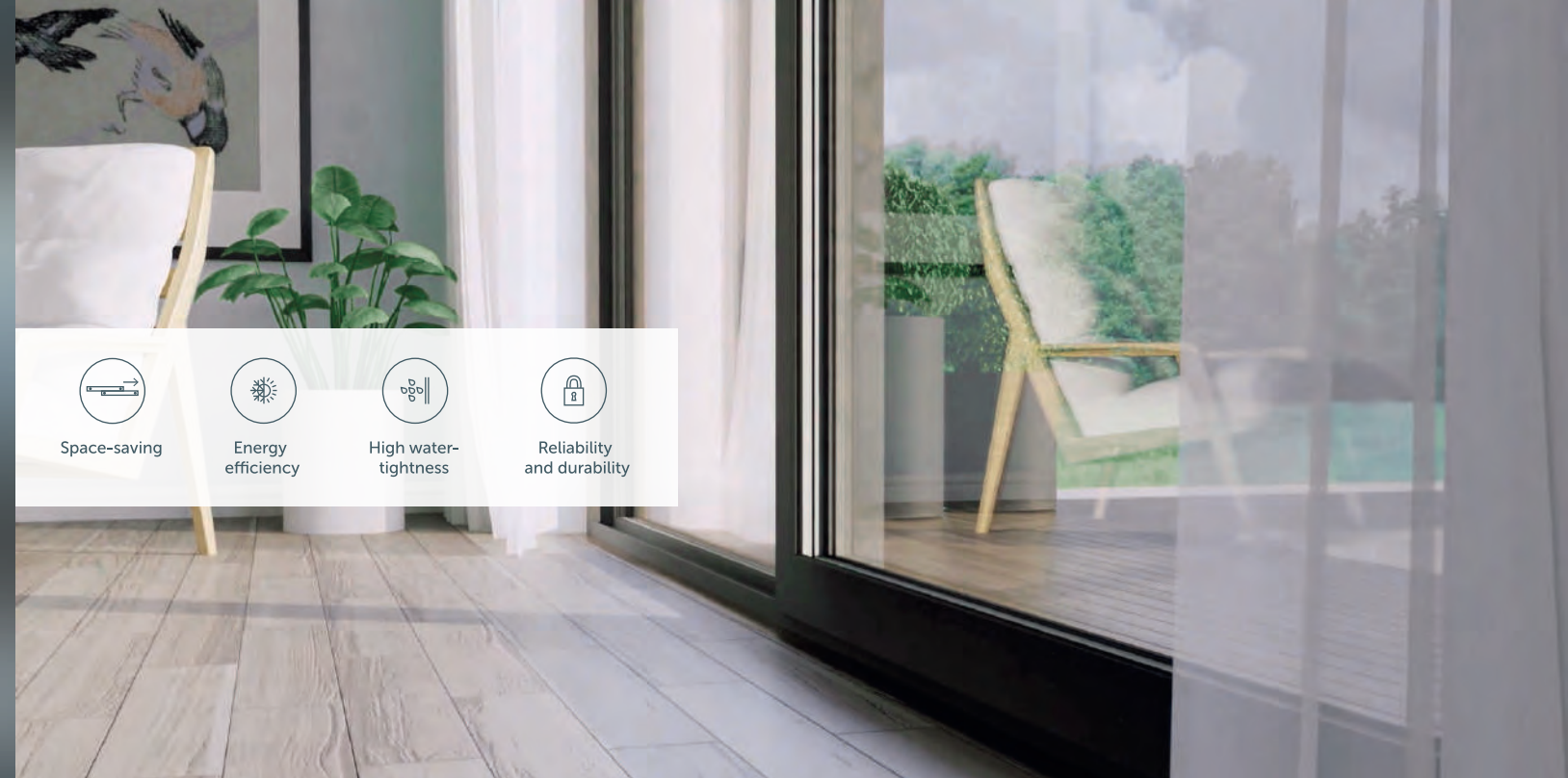
mounting width
(sash/frame), mm

48

glazing unit,
mm

5

chambers
in sash



Space-saving



Energy
efficiency



High water-
tightness



Reliability
and durability



Thermal transmittance
 $U_w=0.82 \text{ W/m}^2\text{K}^*$



Water tightness
up to class 8A



Resistance to wind
load up to class C2/B2



Air permeability
up to class 4

The **WDS SL 76** sliding system is a novel, energy-efficient technical solution for terrace doors, modern balcony units, and panoramic windows.

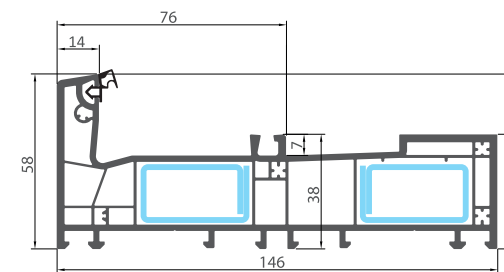
It enables the production of jointless structures up to 4,000x2,500 mm in size.



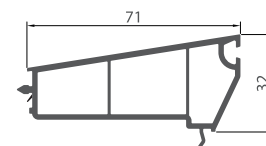
WDS SL 76
Test report

*Glazing unit 4i-18Ar-4-18Ar-4i ($U_g=0.5 \text{ W/m}^2\text{K}$)

143 Frame



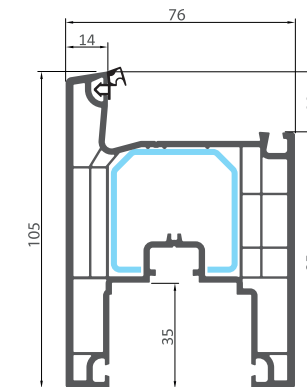
146 Cover profile for frame



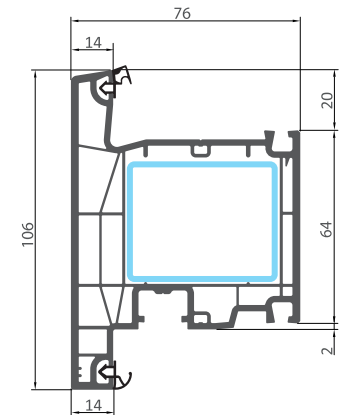
147 Cover profile for sash



144 Sash



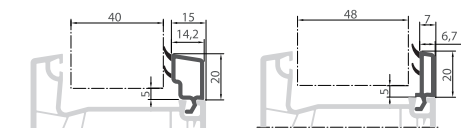
145 Mullion



Glazing beads

140

141



WDS 76 Doors

Modern standard
for front doors

76
mounting
width, mm

48
panel/
glazing unit,
mm

4
sash
designs



Energy efficiency. Ud reaches up to 0.76 W/m²K* – the level that satisfies the current industry regulations.

Reliable threshold solution for warmth and air tightness. The WDS 76 doors have an additional Windstop element in the frame's corners to protect against drafts. Also, the plastic thermal bridge integrated into the threshold eliminates frost penetration, while reliable gaskets in the threshold area provide additional draft-proofing.

Stylish design. The 76-mm door sashes are compatible with laminated HPL panels in both the traditional inset variant and as overlays covering the entire sash.

WDS 76 Doors
Test report



*79mm width panel (Up=0.38 W/m²K)



Aesthetics



Reliability



Energy efficiency



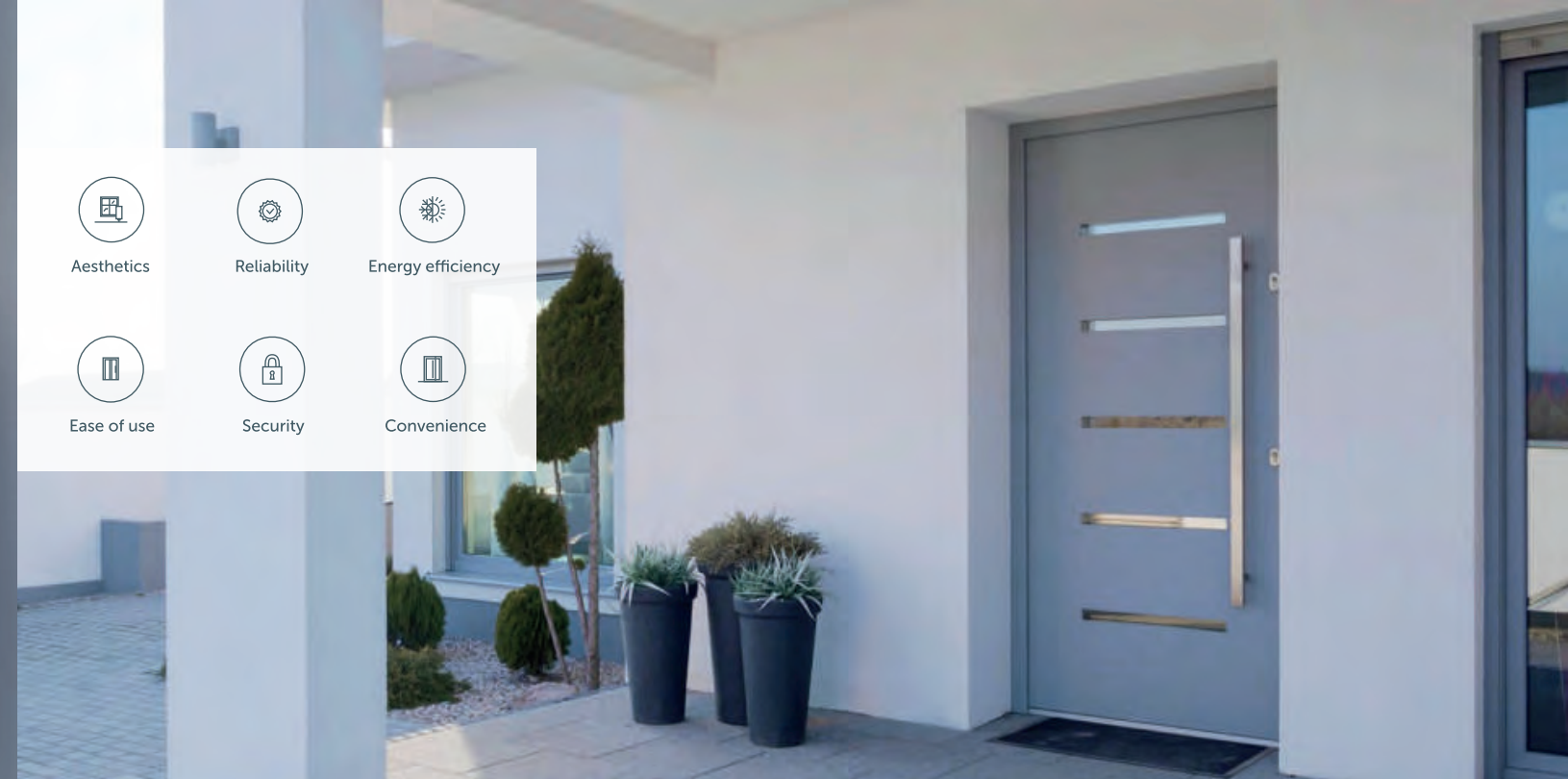
Ease of use



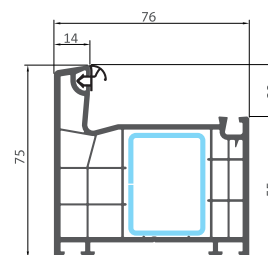
Security



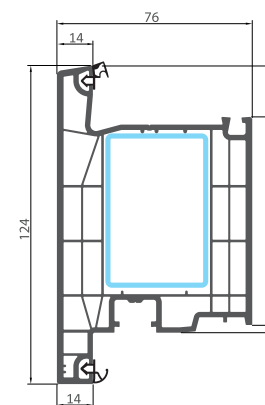
Convenience



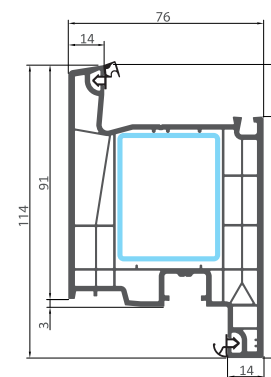
137 Frame



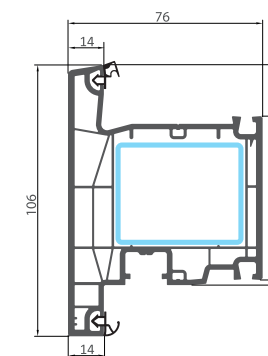
138 Sash



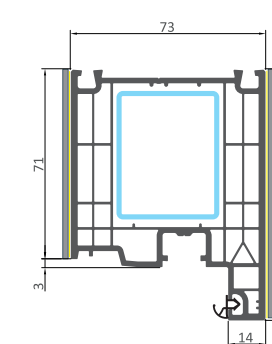
139 Sash



145 Sash

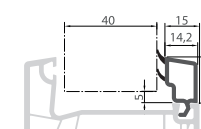


158 Sash

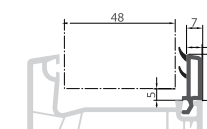


Glazing beads

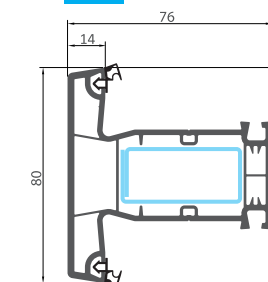
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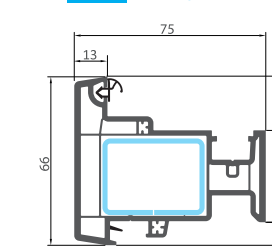
141



135 Mullion



136 Stulp





LAMINATED WINDOWS

HARMONY IN DETAILS

The **WDS Color** windows and doors look perfect with double-sided lamination. With a dyed profile and gasket color to match, laminated structures have a coherent style, whether open or closed.

3

profile
colors

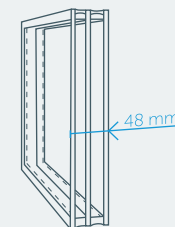
40

lamination
colors

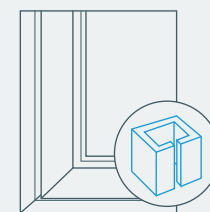
2

gasket
colors

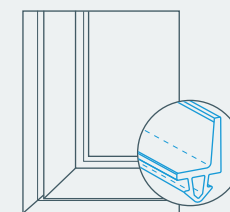
ADVANTAGES OF THE NEW **WDS 76 FAMILY**



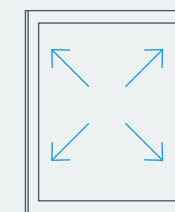
A 48-mm glazing unit: availability of architectural glass and triplex glass (6-8 mm) as an option



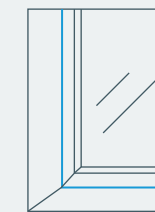
Large and more durable reinforcement of the frame, sash, and mullion for the structures' enhanced static performance



Three gasket contours* for enhanced air tightness and additional protection from dust and dirt



A smaller connection size between the frame and sash allows for a larger glazing unit surface area to let more light in



Stylish rectangular profile shape

*The middle gasket contour is available in select systems of the family

1

Anthracyte lamination /
other options

Black/Grey gasket

3

2

Grey/Brown/White
profile

MIROPLAST 



WDS
Technical catalog



WDS 76
Technical catalog



WDS SL 76
Technical catalog

