TECHNICAL SPECIFICATION
FTP-V, FTW-V, FTU-V
WOODEN PIVOT ROOF WINDOWS

I. APPLICATION
Installation
- insulation angle 15°-90°
- universal installation system
- in rafters and battens

II. FEATURES
Material
- pinewood, vacuum impregnated
Lacquer
- acrylic natural colour
- polyester natural colour

Varnishing
- twice
- triple

Air inlet type
- automatic V40P

Air inlet capacity
- up to 49 m³/h

System
- top Safe

Seals
- four

Micro-opening facility
- as

Handle
- Elegant

Warranty
- 10 years for windows, 20 years for glazing unit, 20 years for hardware elements

III. TECHNICAL PARAMETERS
Air permeability class
- class 4 according to EN 13829
Wind load resistance
- class C5 as per EN 12210
Watertightness – unshielded (A)
- E900 as per EN 12208
Impact resistance
- class 3 (450mm) as per EN 13049

Applicability of glazing units
- U3, U4, U5, P5, R1, P2, G2, G61

IV. OPTIONS
Wooden profiles for FTP-V
- painted in colours of RAL spectrum
- painted in one of five Laurze colours
- in mahogany woodwork

Cladding
- stainless steel profiles of different types of sheet metal (X2CrNi18-10, X5CrNi18-10, X2CrNi18-14, X5CrNi18-14)
- non-standard size and shape of the window

V. ADDITIONAL PRODUCTS TO BE USED
Flashings
- standard, special, combination
Control
- manual, electric
Mounting accessories
- insulation sets
- auxiliary parts
- insulation band
- frame extensions
External accessories
- awning blind
- roller shutter
Internal accessories
- ARF blackout blind
- ARP roller blind
- ARS standard roller blind
- AJP venetian blind
- APS pleated blind
- APF pleated blind
- AMS insect screen

VI. TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES

<table>
<thead>
<tr>
<th>Frame external size [cm]</th>
<th>55x55</th>
<th>55x60</th>
<th>56x106</th>
<th>70x60</th>
<th>70x110</th>
<th>78x98</th>
<th>94x118</th>
<th>94x140</th>
<th>114x118</th>
<th>114x140</th>
<th>134x98</th>
</tr>
</thead>
<tbody>
<tr>
<td>window size symbol</td>
<td>01</td>
<td>02</td>
<td>03</td>
<td>04</td>
<td>05</td>
<td>06</td>
<td>07</td>
<td>08</td>
<td>09</td>
<td>10</td>
<td>11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame external area [m²]</th>
<th>0.25</th>
<th>0.30</th>
<th>0.35</th>
<th>0.40</th>
<th>0.45</th>
<th>0.50</th>
<th>0.55</th>
<th>0.60</th>
<th>0.65</th>
<th>0.70</th>
<th>0.75</th>
<th>0.80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective glazing area [m²]</td>
<td>0.22</td>
<td>0.25</td>
<td>0.30</td>
<td>0.33</td>
<td>0.37</td>
<td>0.41</td>
<td>0.46</td>
<td>0.50</td>
<td>0.54</td>
<td>0.58</td>
<td>0.62</td>
<td>0.67</td>
</tr>
</tbody>
</table>

| Window weight (for glass) [kg] | 17.28 | 17.28 | 23.34 | 23.34 | 27.09 | 27.09 | 27.09 | 27.09 | 27.09 | 27.09 | 49.08 | 49.08 |

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

<table>
<thead>
<tr>
<th>Technical parameters</th>
<th>U3</th>
<th>U4</th>
<th>U5</th>
<th>P5</th>
<th>R1</th>
<th>P2</th>
<th>G2</th>
<th>G61</th>
</tr>
</thead>
</table>

Glazing structure
- 4-16-4T
- 4-16-4T-13-4T
- 4-16-4T-13-4T-16-4T
- 4-16-4T-13-4T-20-4T
- 4-16-4T-13-4T-23-4T
- 4-16-4T-13-4T-25-4T
- 4-16-4T-13-4T-27-4T
- 4-16-4T-13-4T-29-4T
- 4-16-4T-13-4T-31-4T
- 4-16-4T-13-4T-33-4T

Glass type
- 3-3mm
- 4-4mm
- 5-5mm

Wind load resistance
- class C5 as per EN 12210

Window weight
- 3-3mm installed with 4-4mm thermal flashings
- 3-3mm installed with 5-5mm thermal flashings

Acoustic insulation Rw (for the window with an inlet)
- 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6)

Acoustic insulation Rw (for the window without an inlet)
- 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6) 33 (-1,-5) 33 (-2,-6)

Light transmittance factor τ
- 0.75 0.68 0.73 0.68 0.75 0.75 0.40 0.40 0.75 0.75

Solar factor g
- 0.51 0.46 0.51 0.48 0.51 0.51 0.52 0.52 0.74 0.74

UV radiation factor
- 0.26 0.25 0.28 0.30 0.01 0.01 0.01 0.01 0.01 0.01

Frame thermal insulation Uf**
- 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K 1.60 W/m²K

Thermal insulation Ψ*
- 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K 0.06 W/m²K

* - Uf** normal test result
** - for the window width > 114 cm and height > 140 cm
*** - for determination with air inlet
- ** - for determination without air inlet

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FTP-V Secure, FTU-V Secure
ANTI-BURGLARY
WOODEN PIVOT ROOF WINDOWS

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

<table>
<thead>
<tr>
<th>Glazing unit type</th>
<th>Technical parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2</td>
<td>Glass type</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR SIZES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame external size [cm]</td>
</tr>
<tr>
<td>window size symbol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<td>Frame internal size [cm]</td>
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</tbody>
</table>

FTP-V P2 Secure window meets European 2nd anti-burglary class RC 2 N as per EN 1627.
# TECHNICAL SPECIFICATION

## FTP-V Z-Wave, FTU-V Z-Wave

**ELECTRICALLY CONTROLLED WOODEN PIVOT ROOF WINDOWS**

<table>
<thead>
<tr>
<th>IV. OPTIONS</th>
<th>FTP-V Z-Wave</th>
<th>FTU-V Z-Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wooden profiles for FTP-V</td>
<td>painted in colours of RAL spectrum</td>
<td>painted in one of the following lacquers: HCS S0502-Y</td>
</tr>
<tr>
<td>Cladding</td>
<td>painted in colours of RAL spectrum</td>
<td>cladding elements made of different types of fenestration (U3, U5)</td>
</tr>
</tbody>
</table>

## III. APPLICATION

<table>
<thead>
<tr>
<th>Installation</th>
<th>FTP-V Z-Wave</th>
<th>FTU-V Z-Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>installation angle</td>
<td>15°-90°</td>
<td>15°-90°</td>
</tr>
</tbody>
</table>

## II. FEATURES

| Material | painted, vacuum impregnated |
| Lacquer | natural colour |
| Varnishing | twice |
| Air inlet type | automatic VAIP |

## IV. OPTIONS

<table>
<thead>
<tr>
<th>IV. OPTIONS</th>
<th>FTP-V Z-Wave</th>
<th>FTU-V Z-Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wooden profiles for FTP-V</td>
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<tr>
<td>Cladding</td>
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<td>cladding elements made of different types of fenestration (U3, U5)</td>
</tr>
</tbody>
</table>

## V. ADDITIONAL PRODUCTS TO BE USED

<table>
<thead>
<tr>
<th>V. ADDITIONAL PRODUCTS TO BE USED</th>
<th>FTP-V Z-Wave</th>
<th>FTU-V Z-Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashings</td>
<td>standard, special, customised</td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td>electric, manual (in case of no power)</td>
<td></td>
</tr>
<tr>
<td>Mounting accessories</td>
<td>insulation sets, screws, available on request, installing frames, frame extensions</td>
<td></td>
</tr>
<tr>
<td>External accessories</td>
<td>integral blind, roller shutters</td>
<td></td>
</tr>
<tr>
<td>Internal accessories</td>
<td>ARP fabric roller blind, ARP aluminium roller blind, ARP standard roller blind, ARP venetian blind, ARP pleated blind, ARP pleated blind, ARP venetian blind, ARP integral blind</td>
<td></td>
</tr>
</tbody>
</table>

## VI. TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES

<table>
<thead>
<tr>
<th>Technical parameters</th>
<th>FTP-V Z-Wave</th>
<th>FTU-V Z-Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>frame external size (cm)</td>
<td>55x78, 55x98, 66x98, 66x118, 78x98, 78x118, 78x140, 78x160, 94x118, 94x140, 114x118, 114x140, 134x98</td>
<td></td>
</tr>
<tr>
<td>window size symbol</td>
<td>01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>window internal area (m²)</td>
<td>0.32, 0.41, 0.51, 0.62, 0.62, 0.89, 0.91, 1.04, 0.85, 1.52, 1.36, 1.36, 1.11</td>
<td></td>
</tr>
<tr>
<td>effective glazing area (m²)</td>
<td>0.22, 0.29, 0.38, 0.47, 0.59, 0.70, 0.85, 0.92, 0.95, 1.36, 0.92</td>
<td></td>
</tr>
</tbody>
</table>

## VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

<table>
<thead>
<tr>
<th>Technical parameters</th>
<th>Glazing unit type</th>
</tr>
</thead>
<tbody>
<tr>
<td>frame internal size (cm)</td>
<td>U3, U5, P5, R1, P2, G2, G61</td>
</tr>
<tr>
<td>Cladding</td>
<td>U3, U5, P5, R1, P2, G2, G61</td>
</tr>
<tr>
<td>U-value as per EN 673</td>
<td>1.0 W/m²K, 0.5 W/m²K, 0.5 W/m²K, 1.0 W/m²K, 1.0 W/m²K, 1.0 W/m²K, 1.0 W/m²K</td>
</tr>
<tr>
<td>window U-value as per EN ISO 12567-2</td>
<td>1.3 W/m²K, 0.97 W/m²K, 0.97 W/m²K, 1.3 W/m²K, 1.3 W/m²K, 1.3 W/m²K, 1.3 W/m²K</td>
</tr>
<tr>
<td>Rw (the window with air inlet) as per EN ISO 717-1</td>
<td>32 (-1; -5), 33 (-2; -6), 35 (-2; -4), 35 (-2; -3), 35 (-1; -3), 35 (-1; -3), 36 (-2; -4)</td>
</tr>
<tr>
<td>Rw (the window without air inlet) as per EN ISO 717-1</td>
<td>33 (-1; -5), 33 (-1; -5), 37 (-2; -5), 39 (-2; -5), 36 (-1; -4), 36 (-1; -4), 39 (-2; -5)</td>
</tr>
<tr>
<td>Light transmittance factor τ as per EN 410</td>
<td>0.76, 0.73, 0.68, 0.75, 0.75, 0.40, 0.40</td>
</tr>
<tr>
<td>Solar factor g as per EN 410</td>
<td>0.53, 0.53, 0.48, 0.51, 0.52, 0.24, 0.24</td>
</tr>
<tr>
<td>UV radiation as per EN 410</td>
<td>0.26, 0.28, 0.01, 0.01, 0.01, 0.01, 0.01</td>
</tr>
<tr>
<td>thermal insulation Uf* as per EN ISO 10077-1, EN ISO 10077-2</td>
<td>1.63 W/m²K, 1.70 W/m²K, 1.60 W/m²K, 1.60 W/m²K, 1.60 W/m²K, 1.60 W/m²K, 1.60 W/m²K</td>
</tr>
<tr>
<td>thermal insulation Ψ* as per EN ISO 10077-1, EN ISO 10077-2</td>
<td>0.074 W/m²K, 0.074 W/m²K, 0.074 W/m²K, 0.074 W/m²K, 0.074 W/m²K, 0.074 W/m²K, 0.074 W/m²K</td>
</tr>
</tbody>
</table>

* FTP-V Z-Wave, FTU-V Z-Wave

** FTP-V Z-Wave, FTU-V Z-Wave

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**ftp-v.com**

**TECHNICAL SPECIFICATION**

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**TECHNICAL SPECIFICATION**

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**ftp-v.com**

**TECHNICAL SPECIFICATION**

---

**ftp-v.com**

**TECHNICAL SPECIFICATION**
I. APPLICATION

Installation
- installation angle 15°-90°
- universal installation system on rafters and battens

II. FEATURES

Material:
- pinewood, vacuum impregnated

Lacquer:
- acrylic, natural colour

Varnishing:
- twice

Air inlet type:
- V22

Air inlet capacity:
- up to 31 m³/h

System:
- seals
- two
- Micro-opening facility
- +
- Handle
- Standard

Warranty:
- 10 years for windows, 20 years for glazing unit, 20 years for hardware elements

III. TECHNICAL PARAMETERS

Air permeability class:
- 3 as per EN 12207

Wind load resistance:
- class C5** as per EN 12210

Watertightness – unshielded (A):
- E900 as per EN 12208

Impact resistance:
- class 3 (450mm) as per EN 13049

IV. OPTIONS

Standard type windows: FTS, FTS-V are manufactured only in standard version, this also applies for glazing units

V. ADDITIONAL PRODUCTS TO BE USED

Flashings:
- standard, -regunta, -combination

Control:
- manual

Mounting accessories:
- installation units
- brackets
- auxiliary frames
- isolating bands
- frame extensions

External accessories:
- - weather blind
- - window shutter

Internal accessories:
- - ARP standard outer blind
- - ARP outer blind
- - ARP standard inner blind
- - ARP outer blind
- - ARP glazed blind
- - ARP glazed blind
- - ARP insect screen

VI. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

Technical parameters
- Glazing unit type: U2
- Glazing structure: 4H-16-4T
- Glazing U-value: 1.1 W/m²K
- Window U-value: 1.3 W/m²K
- Acoustic insulation Rw (the window with air inlet): 32(-1;-5)
- Acoustic insulation Rw (the window without air inlet): 33(-1;-5)
- Light transmittance factor τ: 0.76
- Solar factor: 0.53
- UV radiation: 0.36
- Frame thermal insulation Uf*: as per EN ISO 10077-1, EN ISO 10077-2
- Thermal insulation of frame and glazing connection: Ψ*: as per EN ISO 10077-1, EN ISO 10077-2

** For window width > 114 cm and height > 140 cm: npd – no performance determined

VII. TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES

<table>
<thead>
<tr>
<th>Frame internal size [cm]</th>
<th>55x78</th>
<th>55x98</th>
<th>66x98</th>
<th>66x118</th>
<th>78x98</th>
<th>78x118</th>
<th>78x140</th>
<th>78x160</th>
<th>94x118</th>
<th>94x140</th>
<th>114x118</th>
<th>114x140</th>
<th>134x98</th>
</tr>
</thead>
<tbody>
<tr>
<td>Window size symbol</td>
<td>01</td>
<td>02</td>
<td>03</td>
<td>04</td>
<td>05</td>
<td>06</td>
<td>07</td>
<td>08</td>
<td>09</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Internal glazing area [m²]</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective glazing area [m²]</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Window weight for U2 glazing unit [kg]</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

| Air inlet capacity at a pressure difference of 10 Pa [m³/h] | 11.02 | 11.02 | 17.64 | 17.64 | 17.64 | 15.06 | 15.06 | 15.06 | 15.06 | 15.06 | 15.06 | 15.06 | 15.06 |

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VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

<table>
<thead>
<tr>
<th>Technical parameters</th>
<th>U3</th>
<th>U4</th>
<th>U5</th>
<th>P5</th>
<th>R1</th>
<th>P2</th>
<th>G2</th>
<th>G61</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glazing structure</td>
<td>1.2 W/m²K</td>
<td>1.0 W/m²K</td>
<td>0.7 W/m²K</td>
<td>0.5 W/m²K</td>
<td>0.5 W/m²K</td>
<td>1.0 W/m²K</td>
<td>1.0 W/m²K</td>
<td>1.0 W/m²K</td>
</tr>
<tr>
<td>Wind load resistance class C4**</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Impact resistance class 3 (450mm)</td>
<td></td>
<td></td>
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<tr>
<td>Watertightness – unshielded (A)</td>
<td></td>
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<td></td>
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<td>Impact resistance class 3 (450mm)</td>
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<td></td>
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<tr>
<td>UV radiation</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame thermal insulation 18°</td>
<td>1.50 W/m²K</td>
<td>rpd</td>
<td>rpd</td>
<td>rpd</td>
<td>1.42 W/m²K</td>
<td>rpd</td>
<td>rpd</td>
<td>rpd</td>
</tr>
<tr>
<td>Frame thermal insulation 25°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Frame thermal insulation test results
*** For the window width > 114 cm and height > 140 cm.
**** For windows with air inlet.
***** Performance is determined.
TECHNICAL SPECIFICATION

FTT, FTT Thermo
WOODEN PIVOT ROOF WINDOWS

I. APPLICATION

Installation
installation angle 15°-70°
universal installation system
on rafters and battens

II. FEATURES

Material
pinewood, vacuum impregnated

Lacquer
NCS S 0502-Y

Varnishing
twice

Air inlet type

Seal

Micro-opening facility

Handle
Elegant

Warranty
10 years for windows, 20 years for glazing unit

III. TECHNICAL PARAMETERS

Air permeability class
d as per EN 12207

Wind load resistance
class C** as per EN 12200

Watertightness – unshielded (A)
E 5000 as per EN 12205

Impact resistance
class S (Windsor) as per EN 1804

Applicability of glazing units
U6, U8 (FTT U8 Thermo), R3

IV. OPTIONS

Wooden profiles for FTT
- painted in colour of RAL spectrum
- painted in one of five Lazure colours

Temperatures – unshielded
- glass for set of profile
- window with block mullion bar and cladding

V. ADDITIONAL PRODUCTS TO BE USED

Flashings
- standard,
- special,
- combination

Control
- electric,
- manual

Mounting accessories
- installation sets,
- linings,
- auxiliary rafters,
- insulating band,
- frame extensions

External accessories
- awning blind,
- roller shutter

Internal accessories
- ARF blackout blind,
- ARP roller blind,
- ARS standard roller blind,
- AJP venetian blind,
- APS pleated blind,
- APF pleated blind,
- AMS insect screen

WINDOW TYPE | FTT | FTT/U
---|---|---

VI. TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES

Frame external size [cm]
55x98 66x98 66x118 78x98 78x118 78x140 78x160 94x118 94x140 114x118 114x140 134x98

Window size symbol
02 03 04 05 06 07 13 08 09 10 11 12

Window internal area [m²]

Effective glazing area [m²]

Window weight with U6 glazing unit [kg]
36 42 48 56

Window weight with U8 glazing unit [kg]
36 42 48 56

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES

Technical parameters

Glazing unit type
U6 U8* R3

Glazing structure

Wind load value
as per EN 908-2

U6 0.80 W/m²K
U8 0.71 W/m²K

Impact resistance

Rw
as per EN 717-1
36 – 1.4
36 – 2.5
42 – 2.4

Light transmittance factor τv
as per EN 1239
0.67
0.66
0.67

Sound factor g
as per EN 1239
0.67
0.48
0.46

UV radiation
as per EN 1239
0.1
0.1
0.1

Frame thermal insulation Uf
as per EN ISO 10077-1, EN ISO 10077-2
1.2 W/m²K
0.846 W/m²K
0.846 W/m²K

Thermal insulation of frame and glazing connection Ψ
as per EN ISO 10077-1, EN ISO 10077-2
0.049 W/mK
0.049 W/mK
0.049 W/mK

* Glazing unit for the FTT U8 Thermo window. This window is supplied and installed along with EHV-AT Thermo flashing and EDF set (DDP and IDS Insulation flashing kit)
** FAKRO internal test results
*** for the window width > 114 cm and height > 140 cm – apply
I. APPLICATION
Installation angle 15°-90°

II. FEATURES
Material: pine, vacuum impregnated
Lacquer: acrylic, natural color
Varnishing: twice
Air inlet type: side
System: top-Safe
Seals: four
Micro-opening facility: +
Handle: Elegant
Warranty: 10 years for windows, 20 years for grouting units, 20 years for hardware elements

III. TECHNICAL PARAMETERS
Air permeability class: 4 as per EN 12207
Wind load resistance: class 3 as per EN 12208
Water tightness – unsealed (A): 8.9 m/s as per EN 13049
Impact resistance: class 3 (450 mm) as per EN 13049
Applicability of glazing units: Z6

IV. OPTIONS
Wooden profiles:
- painted in colour of RAL spectrum
- painted in one of four standard colours
- extruded polymer woodwork
- painted in colour of RAL spectrum
- glazing elements made of different types of sheet metal (GLT, Z)

Cladding:
- painted in one of five Lazure colors in mahogany woodwork

V. ADDITIONAL PRODUCTS TO BE USED
Flashings:
- special
- manual
- electric
Mounting accessories:
- insulation sets
- insulating band

VI. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES
Technical parameters
Glazing unit type: Z6
Glazing structure: 4H-16-4HT
U-value as per EN 673: 1.1 W/m²K
Window U-value as per EN ISO 12567-2: 1.4 W/m²K
Acoustic insulation Rw as per EN ISO 717-1: 35-45 dB
Light transmittance factor τ as per EN ISO 9030: 0.81
Solar factor g as per EN ISO 12460: 0.64
UV radiation as per EN ISO 9030: 0.01
Frame thermal insulation UF as per EN ISO 10077-1, EN ISO 10077-2: npd
Thermal insulation of frame and glazing connection V as per EN ISO 10077-1, EN ISO 10077-2: npd

VII. TECHNICAL PARAMETERS - ROOF WINDOWS

<table>
<thead>
<tr>
<th>Frame external size (cm)</th>
<th>FTP/B</th>
<th>FTP/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>55x87</td>
<td>66x108</td>
<td>78x130</td>
</tr>
<tr>
<td>window external area [m²]</td>
<td>0.35</td>
<td>0.55</td>
</tr>
<tr>
<td>effective glazing area [m²]</td>
<td>0.24</td>
<td>0.42</td>
</tr>
</tbody>
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