



## FTT, FTT/U, FTT/ W

### PIVOT WOODEN ROOF WINDOW

#### I. APPLICATION

|                                                                                   |                                        |
|-----------------------------------------------------------------------------------|----------------------------------------|
|  | Pivot window                           |
|  | Installed in roofs with pitches 15-70° |

#### II. FEATURES

|                                                                                   |                                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  | Pinewood, natural colour (FTT), white NCS S0502-Y polyurethane (FTT/U) or acrylic (FTT/W) |
|  | TopSafe system                                                                            |
|  | Better insulation parameters                                                              |
|  | Five seals as standard                                                                    |
|  | Universal installation system                                                             |
|  | Warm TGI spacer                                                                           |
|  | Handle Elegant                                                                            |

#### III. ADDITIONAL PRODUCTS USED WITH WINDOWS

| Flashings                                                                           |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|   | standard                 |
|                                                                                     | special                  |
|                                                                                     | combination              |
| Control                                                                             |                          |
|  | manual                   |
|                                                                                     | electric                 |
| Mounting accessories                                                                |                          |
|  | insulation sets          |
|                                                                                     | linings                  |
|                                                                                     | auxiliary rafters        |
|                                                                                     | bands                    |
|                                                                                     | frame extensions         |
| External accessories                                                                |                          |
|  | awning blinds            |
|                                                                                     | roller shutters          |
| Internal accessories                                                                |                          |
|  | blackout blinds          |
|                                                                                     | roller blinds            |
|                                                                                     | standard roller shutters |
|                                                                                     | awning blinds            |
|                                                                                     | pleated blinds           |
| Other accessories                                                                   |                          |
|  | insect screen            |

#### IV. OPTIONS

|                                                                                     |                                                                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | Any shape                                                                                                                    |
|  | Wooden profiles painted in any RAL colour or one of the five transparent colours                                             |
|  | External cladding elements painted in any RAL colour or manufactured to match even the most unusual roofing colours (CU, TC) |
|  | Window with a mullion bar                                                                                                    |
|  | Non-standard glazing unit                                                                                                    |

#### V. DECLARATION OF PERFORMANCE

|                                      |                                                                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Harmonized standard                  | EN 14351-1:2006+A1:2010                                                                                                     |
| Number of Declaration of Performance | XXX/CPR/14351/xx<br>Individual numbers of Declaration of Performance are to be found in the table with technical parameters |

#### VI. TECHNICAL PARAMETERS

| Technical parameters                                                        | Glazing unit type |                  |                  |                  |                  |                                  |
|-----------------------------------------------------------------------------|-------------------|------------------|------------------|------------------|------------------|----------------------------------|
|                                                                             | U6                | U6 Thermo        | U8 VSG Thermo    | U8 Thermo        | R3               |                                  |
| - Window heat transmittance coefficient Uw [W/m²K]                          | 0,80              | 0,80             | 0,58             | 0,58             | 0,81             | EN 12567-2, EN 10077             |
| - Glazing heat transmittance coefficient Ug [W/m²K]                         | 0,5               | 0,5              | 0,3              | 0,3              | 0,5              | EN 673                           |
| - Acoustic performance Rw [dB]                                              | 38 (-1;-4)        | 38 (-1;-4)       | 38 (-1;-3)       | 36 (-2;-5)       | 42 (-2;-4)       | EN ISO 717-1                     |
| - max. capacity of air inlet [m³/h] - 10Pa                                  | no air inlet      |                  |                  |                  |                  | EN 13141                         |
| - air permeability class                                                    | 4                 |                  |                  |                  |                  | EN 1026, EN 12207                |
| - light permeability τv                                                     | 0,62              | 0,71             | 0,57             | 0,66             | 0,62             | EN 410                           |
| - solar factor g                                                            | 0,47              | 0,47             | 0,43             | 0,48             | 0,46             | EN 410                           |
| - permeability UV                                                           | 0,01              | 0,01             | 0,01             | 0,01             | 0,02             | EN 410                           |
| - frame thermal insulation Uf [W/m²K]                                       | 1,200             | 0,840            | 0,840            | 0,840            | 1,131*           | EN ISO 10077-1<br>EN ISO 10077-2 |
| - thermal insulation of window frame connection with glazing ψ (psi) [W/mK] | 0,043             | 0,042            | 0,044            | 0,039            | 0,044*           | EN ISO 10077-1<br>EN ISO 10077-2 |
| Number of Declaration of Performance                                        | A81/CPR/14351/xx  | A81/CPR/14351/xx | A83/CPR/14351/xx | A83/CPR/14351/xx | A84/CPR/14351/xx | EN 14351-1:2006+A1:2010          |

\* Result of FAKRO internal tests

## VII. DETAILED DIMENSIONS OF FTT WINDOWS

| Window size | Size symbol | Frame external size | Distance between lining grooves |      | Glazing area |      | Glazing visible area |
|-------------|-------------|---------------------|---------------------------------|------|--------------|------|----------------------|
|             |             | S x L               | p                               | q    | j            | k    | j * k                |
| [cm]        |             |                     | [mm]                            |      |              |      | [m <sup>2</sup> ]    |
| 55 x 98     | 02          | 547 x 981           | 485                             | 924  | 363          | 786  | 0,29                 |
| 55 x 118    | 16          | 547 x 1181          | 485                             | 1124 | 363          | 986  | 0,36                 |
| 66 x 98     | 03          | 657 x 981           | 595                             | 924  | 473          | 786  | 0,37                 |
| 66 x 118    | 04          | 657 x 1181          | 595                             | 1124 | 473          | 986  | 0,47                 |
| 66 x 140    | 14          | 657 x 1401          | 595                             | 1344 | 473          | 1206 | 0,57                 |
| 78 x 98     | 05          | 777 x 981           | 715                             | 924  | 593          | 786  | 0,47                 |
| 78 x 118    | 06          | 777 x 1181          | 715                             | 1124 | 593          | 986  | 0,58                 |
| 78 x 140    | 07          | 777 x 1401          | 715                             | 1344 | 593          | 1206 | 0,72                 |
| 78 x 160    | 13          | 777 x 1601          | 715                             | 1544 | 593          | 1406 | 0,83                 |
| 78 x 180    | 40          | 777 x 1801          | 715                             | 1744 | 593          | 1611 | 0,96                 |
| 94 x 98     | 15          | 937 x 981           | 875                             | 924  | 753          | 786  | 0,59                 |
| 94 x 118    | 08          | 937 x 1181          | 875                             | 1124 | 753          | 986  | 0,74                 |
| 94 x 140    | 09          | 937 x 1401          | 875                             | 1344 | 753          | 1206 | 0,91                 |
| 94 x 160    | 80          | 937 x 1601          | 875                             | 1544 | 753          | 1406 | 1,06                 |
| 94 x 180    | 41          | 937 x 1801          | 875                             | 1744 | 753          | 1611 | 1,21                 |
| 114 x 118   | 10          | 1137 x 1181         | 1075                            | 1124 | 953          | 986  | 0,94                 |
| 114 x 140   | 11          | 1137 x 1401         | 1075                            | 1344 | 953          | 1206 | 1,15                 |
| 114 x 160   | 50          | 1137 x 1601         | 1075                            | 1544 | 953          | 1406 | 1,34                 |
| 134 x 98    | 12          | 1337 x 981          | 1275                            | 924  | 1153         | 786  | 0,91                 |
| 134 x 118   | 18          | 1337 x 1181         | 1275                            | 1124 | 1153         | 986  | 1,14                 |
| 134 x 140   | 17          | 1337 x 1401         | 1275                            | 1344 | 1153         | 1206 | 1,39                 |

