

## DXF DU6

NON-OPENING FLAT ROOF WINDOW WITH TRIPLE DU6 GLAZING UNIT

### I. APPLICATION

Plastic window/skylight with the base intended for flat roofs.

| Parameter         | Value/Type                                              | Marking |
|-------------------|---------------------------------------------------------|---------|
| Roof angle        | 2° - 15°                                                |         |
| Roofing base type | membrane, roofing felt paper, green roofs, gravel roofs | -       |

### IV. TECHNICAL PARAMETERS

| Parameter                               | Unit    | Value                                                                        | Harmonized standard     |
|-----------------------------------------|---------|------------------------------------------------------------------------------|-------------------------|
| $U_w$                                   | [W/m²K] | 0,70                                                                         | EN 14351-1:2006+A2:2016 |
| $U_f$                                   | [W/m²K] | 0,67                                                                         |                         |
| $\Psi$                                  | [W/mK]  | 0,055                                                                        |                         |
| $R_w$                                   | [dB]    | 34 (-1;-4)                                                                   |                         |
| Wind load resistance                    |         | Class C5/B5<br>Class C2/B5*                                                  |                         |
| Snow load resistance                    |         | 6H-18-4H-18-44.2<br>6H-16-4H-18-55.2                                         |                         |
| Resistance to fire                      |         | B-s2,d0                                                                      |                         |
| Resistance to external fire             |         | B <sub>roof</sub> (t1)                                                       |                         |
| Watertightness Unshielded (A)           |         | E1200                                                                        |                         |
| Impact resistance                       |         | Class 5 – 950 mm                                                             |                         |
| Load bearing capacity of safety devices |         | npd**                                                                        | EN 1279-5 + A2:2010     |
| Air permeability                        |         | Class 4                                                                      |                         |
| $U_g$                                   | [W/m²K] | 0,5                                                                          |                         |
| $\tau_v$                                | [%]     | 54                                                                           |                         |
| g                                       | [%]     | 43                                                                           |                         |
| Glazing unit***                         |         | 6 RH - Tg18Ar – 4HT – Tg18Ar - 44.2T<br>6 RH - Tg16Ar – 4HT – Tg18Ar - 55.2T |                         |

\* for windows wider or longer than 140cm

\*\* no performance determined

\*\*\*depend on window size

### V. DECLARATION OF PERFORMANCE

| Harmonized standard for the product | Marking | Declaration of Performance No. |
|-------------------------------------|---------|--------------------------------|
| EN14351-1:2006 +A2:2016             | CE      | <b>R80/CPR/14351/xx*</b>       |

\* - declaration's release year, eg. R80/CPR/14351/17 released in 2017

### II. WINDOW SET ELEMENTS

| NO. | Element                                                      | Quantity | Description                                                                                                                                      |
|-----|--------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Sash equipped with glazing unit, frame is base of the window | 1        | DU6 – passive glazing unit with external glass toughened wider around perimeter and safe internal glass laminated.<br>Multi-chamber PVC profile. |
| 2.  | Assembly set                                                 | 1        |                                                                                                                                                  |
| 3.  | Profiles mounting roofing                                    | 4        | Profiles mechanically mounting roofing to the frame                                                                                              |

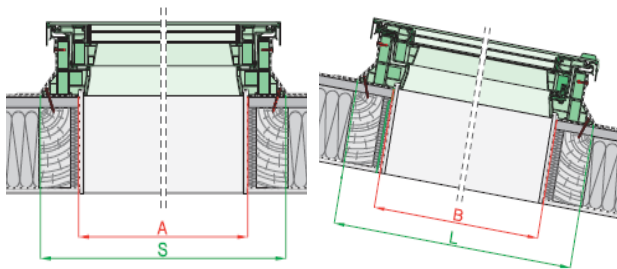
### III. SIZES

There are available 11 standard sizes. It is possible to manufacture any size from the range given in the table below.

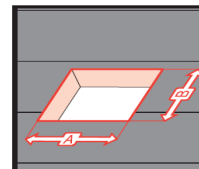
|                                     |     | Window width A = from 60 to 220 cm |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------|-----|------------------------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                     |     | 60                                 | 70   | 80  | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  |
| Window height B = from 60 to 220 cm | 60  | 0,23                               |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                     | 70  | 0,33                               |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                     | 80  |                                    | 0,46 |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                     | 90  | 0,37                               |      | 0,6 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                     | 100 |                                    |      |     | 0,77 |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                     | 110 |                                    |      |     |      | 0,83 |      | 1,16 |      |      |      |      |      |      |      |      |      |      |
|                                     | 120 |                                    |      |     |      |      | 0,83 |      | 1,16 |      |      |      |      |      |      |      |      |      |
|                                     | 130 |                                    |      |     |      |      |      |      |      | 1,63 |      |      |      |      |      |      |      |      |
|                                     | 140 |                                    |      |     |      |      |      |      |      |      | 1,21 |      |      |      |      |      |      |      |
|                                     | 150 |                                    |      |     |      |      |      |      |      |      |      | 1,21 |      |      |      |      |      |      |
|                                     | 160 |                                    |      |     |      |      |      |      |      |      |      |      | 1,21 |      |      |      |      |      |
|                                     | 170 |                                    |      |     |      |      |      |      |      |      |      |      |      | 1,21 |      |      |      |      |
|                                     | 180 |                                    |      |     |      |      |      |      |      |      |      |      |      |      | 1,21 |      |      |      |
|                                     | 190 |                                    |      |     |      |      |      |      |      |      |      |      |      |      |      | 1,21 |      |      |
|                                     | 200 |                                    |      |     |      |      |      |      |      |      |      |      |      |      |      |      | 1,21 |      |
|                                     | 210 |                                    |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      | 1,21 |
|                                     | 220 |                                    |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      | 2,23 |

- size possible to manufacture  
 - size not possible to manufacture  
 - effective glazing area, standard size

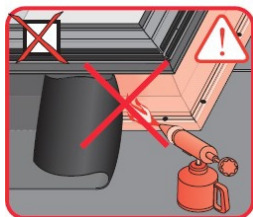
## VI. ASSEMBLY INFORMATION



Window commercial size is an opening size in the roof (size A, B). Tolerance of the opening dimensions within +5 cm per side is possible.



Do not heat up PVC profiles



| DXF     | A       | B       |
|---------|---------|---------|
| [cm]    | [cm]    |         |
| 60x60   | 60-65   | 60-65   |
| 60x90   | 60-65   | 90-95   |
| 70x70   | 70-75   | 70-75   |
| 80x80   | 80-85   | 80-85   |
| 90x90   | 90-95   | 90-95   |
| 90x120  | 90-95   | 120-125 |
| 100x100 | 100-105 | 100-105 |
| 120x120 | 120-125 | 120-125 |
| 140x140 | 140-145 | 140-145 |
| 100x150 | 100-105 | 150-155 |
| 120x220 | 120-125 | 220-225 |

## VII. DETAILED SIZES

| Window size | Size symbol | Frame external size | Distance between lining grooves | Glazing size | Height |
|-------------|-------------|---------------------|---------------------------------|--------------|--------|
|             |             | S   x   L           | p   x   q                       | j   x   k    | h      |
| [cm]        |             | [mm]                |                                 |              |        |
| 60 x 60     | 01K         | 820 x 820           | 558 x 558                       | 476 x 476    | 191    |
| 60 x 90     | 02K         | 820 x 1120          | 558 x 858                       | 476 x 776    | 191    |
| 70 x 70     | 03K         | 920 x 920           | 658 x 658                       | 576 x 576    | 191    |
| 80 x 80     | 04K         | 1020 x 1020         | 758 x 758                       | 676 x 676    | 191    |
| 90 x 90     | 05K         | 1120 x 1120         | 858 x 858                       | 776 x 776    | 191    |
| 90 x 120    | 06K         | 1120 x 1420         | 858 x 1158                      | 776 x 1076   | 191    |
| 100 x 100   | 07K         | 1220 x 1220         | 958 x 958                       | 876 x 876    | 191    |
| 120 x 120   | 08K         | 1420 x 1420         | 1158 x 1158                     | 1076 x 1076  | 191    |
| 140 x 140   | 09K         | 1620 x 1620         | 1358 x 1358                     | 1276 x 1276  | 191    |
| 100 x 150   | 10K         | 1220 x 1720         | 958 x 1458                      | 876 x 1376   | 191    |
| 120 x 220   | 11K         | 1420 x 2420         | 1158 x 2158                     | 1076 x 2076  | 191    |

