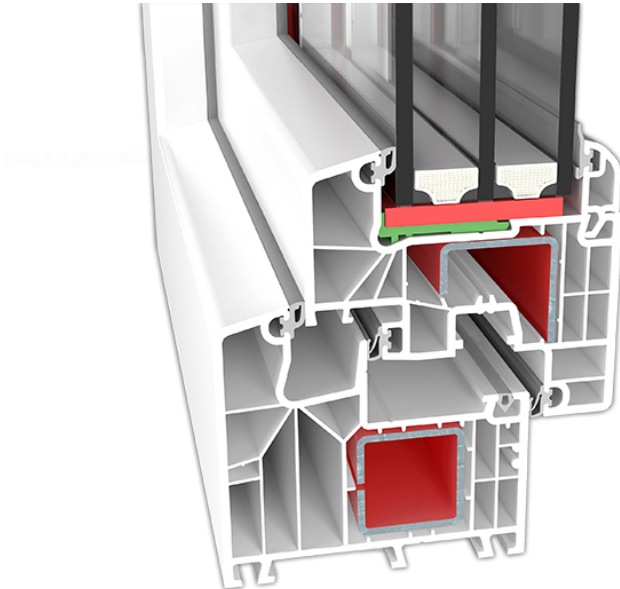


## PVC Windows Specifications

### Ideal 8000

These windows are made on the basis of the Ideal 8000 system, where a significant importance is given to reducing thermal parameters. It was possible thanks to increasing the profile embedding depth up to 85mm, applying the 6-chamber structure of sections and a sealing system of three gaskets. The standard version of these windows is equipped with 48mm wide triple sealed glazing units. The triple set of gaskets improves not only thermal properties but also acoustic insulation. Thanks to delineating by the third gasket the so-called dry chamber, inside which the fittings are affected by physical forces, the lifetime and durability of the fittings are improved. White Ideal 8000 windows are fitted with grey gaskets and veneered windows with black ones.

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Profile</b>      | <p>Advantages of Ideal 8000 profiles:</p> <ul style="list-style-type: none"><li>• embedding depth: 85mm</li><li>• 6-chamber profile</li><li>• sealed glazing units of up to 48mm in width can be used</li><li>• thermal insulation coefficient of profiles: <math>U_f = 1.0 \text{ W/m}^2\text{K}</math></li><li>• internal sealing system, with three gaskets</li><li>• a higher window stability thanks to the stiffening properties of panes</li><li>• a better thermal insulating power compared to traditional solutions</li><li>• less instances of pane cracking due to faulty glazing</li></ul> |
| <b>Pane</b>         | 4/18Argon/4/18Argon/4TM 48mm $U_g=0, 5\text{W/m}^2\text{K}$ ; $g=50\%$ ; $L_t=70\%$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Glazing bead</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Fittings</b>     | <p><b>SIEGENIA TITAN AF</b></p> <ul style="list-style-type: none"><li>• handle at mid-height</li><li>• all rollers in casements: KoPiBo mushroom, rotating and self-adjusting</li><li>• striker plate in every R and RU casement</li><li>• RU casement fitted with a finger lift in the bottom corner, integrated with an incorrect handle position lock</li><li>• RU casements: microventilation</li><li>• anti-draught deadbolt in the U function in the RU casement</li></ul>                                                                                                                        |

|                            |                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <ul style="list-style-type: none"> <li>the RU casement fitted with air latches supported while switching from partial opening to closed position</li> <li>the bottom fitting groove filled with packing</li> </ul> |
| <b>Handle</b>              |                                                                                                                                   |
| <b>Gaskets and packing</b> | TPE                                                                                                                                                                                                                |
| <b>Reinforcement</b>       | galvanised steel                                                                                                                                                                                                   |
| <b>Coextrusion</b>         | present                                                                                                                                                                                                            |

## Heat transfer coefficient

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| <b>Frames</b>  | $U_f = 1,0 \text{ W/m}^2\text{K}$                                      |
| <b>Windows</b> | $U_w = 0,8 \text{ W/m}^2\text{K}$ (panes $0,5 \text{ W/m}^2\text{K}$ ) |

## Standard equipment:

|                                                            |                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Microventilation system</b>                             | ✓                                                                                                |
| <b>Sealed glazing unit</b>                                 | 4/18Argon/4/18Argon/4TM 48mm $U_g=0,5 \text{ W/m}^2\text{K}$ ; $g=50\%$ ; $L_t=70\%$ steel frame |
| <b>Fitting profile</b>                                     | ✓                                                                                                |
| <b>Fitting profiles sealed with foam</b>                   | ✓                                                                                                |
| <b>Fittings with a</b>                                     | Siegenia Titan AF striker plate                                                                  |
| <b>Bottom part of the frame filled with a foam sealant</b> | ✓                                                                                                |
| <b>Handle protected against mishandling</b>                | ✓                                                                                                |
| <b>Gaskets</b>                                             | grey TPE (white windows)                                                                         |

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| <b>Aluminium handles</b> |  |
| <b>Assembly anchors</b>  |                                                                                   |