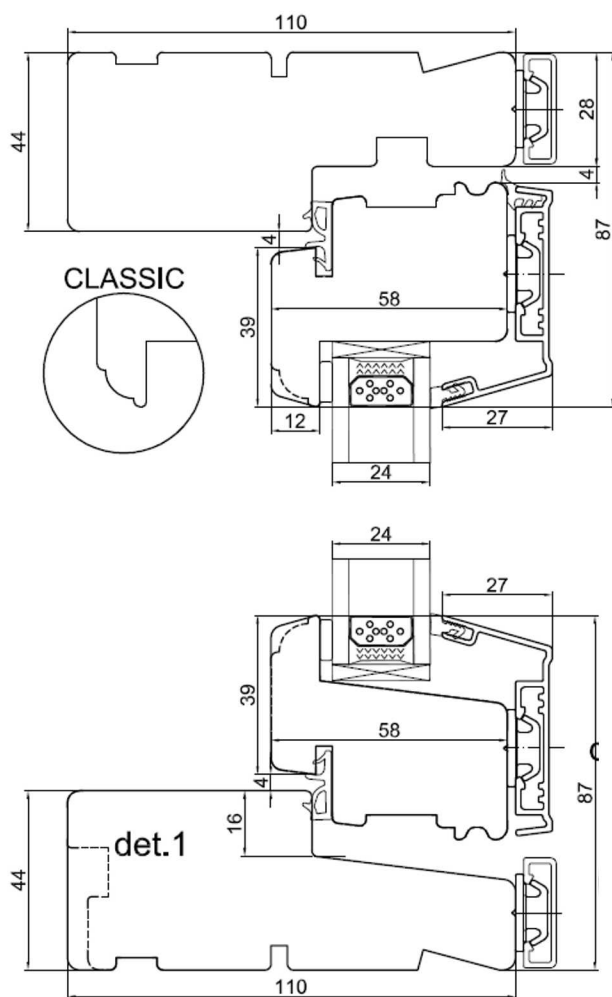
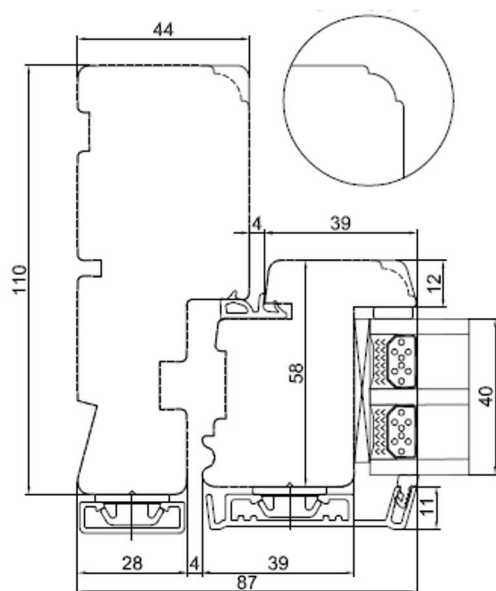


# EURO ALU



Cross sections through the window EURO ALU

|                             |                                                                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Windows line name</b>    | EURO ALU                                                                                                                                                                                                                                         |
| <b>Product</b>              | Sokolka EURO ALU windows and doors manufactured to our standard sectional detail complete range of outward opening windows, fixed frames and outward and inward opening balcony and entrance doors.                                              |
| <b>Construction</b>         |                                                                                                                                                                                                                                                  |
| <b>Wooden frame</b>         | Laminated timber. All the layers additionally laminated to length (finger joint).                                                                                                                                                                |
| <b>Frame depth</b>          | 110mm (120mm with aluminum).                                                                                                                                                                                                                     |
| <b>Material</b>             | Heartwood pine (selected carefully from slow growing forest, all knots are removed and wood is jointed on finger joint technique).                                                                                                               |
| <b>Aluminum clads</b>       | Aluminum clads from outside. An aluminum facing protects all external surfaces.                                                                                                                                                                  |
| <b>Glass unit</b>           | Triple glazed unit (4TP/14Ar/4/14Ar/4TP) with energy efficient glass and argon gas inside - $U_g=0,6 \text{ W/m}^2\text{K}$ , or double glazed (4/16Ar/4TP) with energy efficient glass and argon gas inside - $U_g=1,1 \text{ W/m}^2\text{K}$ . |
| <b>Parameters</b>           | Heat transfer coefficient:<br>- triple glazed windows $U_w=0,92 \text{ W/m}^2\text{K}$<br>- double glazed windows $U_w=1,34 \text{ W/m}^2\text{K}$<br>Acoustic parameters $R_w=30-40\text{dB}$ (dependent from chosen glass unit type)           |
| <b>Finish</b>               |                                                                                                                                                                                                                                                  |
| <b>Paint</b>                | Fully factory finish systems:<br>- 3 layers water based paints – RAL palette colors<br>- 4 layers transparent colors with visible wood structure                                                                                                 |
| <b>Alu cladding</b>         | Powder coated in RAL colors                                                                                                                                                                                                                      |
| <b>Fittings</b>             |                                                                                                                                                                                                                                                  |
| <b>Way of opening</b>       | Windows – outward, doors – inward and outward                                                                                                                                                                                                    |
| <b>Type</b>                 | IPA system/ASSA                                                                                                                                                                                                                                  |
| <b>Opening options</b>      | Side hung, side guided, top guided, top guided reversible.                                                                                                                                                                                       |
| <b>Additional functions</b> | Opening restrictor.                                                                                                                                                                                                                              |
| <b>Equipment</b>            |                                                                                                                                                                                                                                                  |
| <b>Standard</b>             | Handle Hoppe Mini Tokyo, friction brake in handle in Side Hung windows and balcony doors, warm edge inside glass units, doors threshold made from hardwood Sapele or fiberglass.                                                                 |
| <b>Optional</b>             | Vents, bars, different kinds of glass, additional fittings options, accessories as sills, closing hooks instead of handle in windows.                                                                                                            |

**Fix**



**Side Hung**



**Side Guided**



**Top Guided**



**Single entrance and balcony doors**



**Double entrance and balcony doors**



**Combinations**

