

WOODEN WINDOW

	<h3>Classic 68</h3>
	<p>GLASS: The possibility of installing different types of glass up to 30 mm, which allows for different thermal ($U_g = 0.8 - 1.1$) and acoustic (32 – 38 dB) insulation solutions.</p> <p>WOOD: 68 mm thick wooden frame made of multi-layered bonded elements, which eliminates distortion and cracking of the wood. We work in fir, mahogany, oak, ash and other types of wood. The wood is treated using water based stains and paints all according to the latest environmental standards of the German company RHENOCOLL.</p> <p>HARDWARE: From the best known German manufacturers – ROTO, GU, SIGENIA, tilt and turn, lift and slide and other systems of opening. Also available are windows with concealed hardware for achieving an elegant look.</p> <p>SEAL: Windows with two precision manufactured rubber seals.</p> <p>DRIP MOULD: Powder coated or anodised aluminium drip mould profile on the frame ensures reliable drainage of water from the window. Additional aluminium profile on the casement prevents water retention on the lower part of the casement and thus allows added drainage of water from the most sensitive part of the window. In this way, the life of the window is prolonged.</p>
	<h3><i>New to the market!</i></h3>
	<h3 style="text-align: center;">Terming 88</h3> <p>GLASS: The possibility of installing multiple combinations of different types of glass up to 50 mm, which allows for different thermal ($U_g = 0.5 - 1.1$) and acoustic (32 – 42 dB) insulation solutions.</p> <p>WOOD: 88 mm thick wooden frame made of multi-layered bonded elements, which not only eliminates distortion and cracking of the wood, but also improves the thermal characteristics. The wood is treated using water based stains and paints all according to the latest environmental standards of the German company RHENOCOLL.</p> <p>HARDWARE: From the best known German manufacturers – ROTO, GU, SIGENIA, tilt and turn, lift and slide and other systems of opening. Also available are windows with concealed hardware for achieving an elegant look.</p> <p>SEAL: Windows with two precision manufactured rubber seals.</p> <p>DRIP MOULD: Powder coated or anodised aluminium drip mould profile on the frame ensures reliable drainage of water from the window. Additional aluminium profile on the casement prevents water retention on the lower part of the casement and thus allows added drainage of water from the most sensitive part of the window. In this way, the life of the window is prolonged.</p>
	<p>In cooperation with the ift Rosenheim institute (Germany)</p>

WHY WOOD?

Why are wooden windows again popular, and why should you buy them?

Of all types of joinery, why has the wooden window again become – AN INVESTMENT IN THE FUTURE?

There are at least seven reasons:

- **Thermal conductivity:** Wooden windows have been proven to have **the highest levels of thermal and acoustic insulation of all materials**. With their good thermal qualities, wooden windows are almost exclusively used for low-energy buildings, “passive houses”.
- Wooden windows, unlike all other materials, have the ability to diffuse vapour. What does this mean? Wooden windows “breathe”. Only wooden windows allow excessive amounts of moisture in a room to be eliminated by diffusion, and when the air is dry in a room, the wood lets in the required amount of moisture from the outside, again by diffusion. This is called a “healthy climate exchange”.
- Nowadays, wooden windows are made of multi-layered bonded elements which increase their stability in terms of the distortion and cracking of the profiles, and they consequently achieve excellent mechanical properties.
- **Maintenance:** The treatment of the wooden elements is the same as the treatment of furniture, and the use of high quality, environmentally friendly, water-based varnishes provides lifelong protection and ensures easy maintenance. Wooden windows, with their antistatic properties, largely repel dust, while other materials, plastic in particular, with their electrostatic properties, strongly attract dust from the air.
- Once again you will be surrounded by a completely natural and non-harmful material in your home.
- **Combustion properties:** Wooden windows burn, but more slowly than other materials (self-extinguishing), producing only a small amount of harmful gases.
- Purchasing a wooden window contributes to sustainable forestry because wood is a renewable resource. The renewal and expansion of forests is a general trend of development and conservation of natural resources at the level of international organisations (Forest Stewardship Council – FSC, Germany).

IF YOU CAN AFFORD TO, TREAT YOURSELF TO WOOD