

## Wood/aluminium windows INO-HA80

LOW-ENERGY



THERMAL TRANSMISSION:	U <sub>w</sub> to <b>0,83 W/m<sup>2</sup>K</b>
DESIGN:	classical
WOOD TYPE	spruce, pine, larch, oak, meranti
PROFILE THICKNESS:	80 mm
GLAZING:	triple glazing thermal transmission U <sub>g</sub> : 0,5 to 1,1 W/m <sup>2</sup> K sound insulation: 32 to 37 dB energy transmission g: 34 to 63 %
HARDWARE:	visible or concealed safety hardware
SEALING:	three seals
SURFACE TREATMENT:	wood: three-layered coating system aluminium clads: powder-coating

### WHY CHOOSE INLES?

#### MODERN PRODUCTION LINE

All wood profiles are treated in the country's most advanced production line built in 2012. Better quality treatment of wooden surfaces, minimal chance of errors, better visual appearance of the surface and, consequently, the durability of the product.

#### HIGH QUALITY WOOD IN COMPLIANCE WITH THE HIGHEST STANDARDS

The wood used meets the RAL quality requirements according to DIN 68360. Its humidity is controlled. To prevent cracking and other defects related to inadequate moisture content of wood, it's stored in spaces of controlled humidity.

#### BEST CORNER BOND FOR FRAME STRUCTURES

All corner joints on the frame and casement are the mortise and tenon type, which is the strongest joint available in window frame construction. Also, the frame members of the frame and skirts are glued against the surface treatment to prevent the entry of water into the bond and the related injury.

#### NO DIRECT CONTACT BETWEEN ALUMINIUM AND WOOD

Plastic clips are used to prevent the direct contact of aluminium and wood. This makes possible an appropriate air circulation and absence of humidity in the void.

#### ELECTROSTATIC COATING

For an even application of the coating film over the entire surface of the product an automated electrostatic finishing painting is performed. As a result, surfaces are uniform, smooth, visually sophisticated, and more durable.

#### STANDARDS AND CERTIFICATES ACQUIRED

Our products are properly certified and tested at reputable German institutes. Self-testing devices for air and water tightness also enable control over the individual characteristics of our products.

#### SAFE PURCHASING

We are one of the largest joinery manufacturers on a European scale with more than 70 years of tradition. The vast majority of our products are exported to the most demanding markets of the European Union under their own brand.

#### AFTERSALES SERVICES

Even after purchase, we will take care of your products. We feature an extensive network of service centres with specially trained service technicians for a professional performance of all the necessary tasks.