



FORIS 100/101
WINDOWS BETTER THAN THE BEST

ENERGY SAVING



The joinery provided at the application of multi-chamber window and door profiles from the FORIS family, guarantees perfect thermal insulation. During the wintertime, it will effectively retain the heat at home, and during the summertime, it will protect the

interior from excessive heating and keep your home pleasantly cool. The perfect thermal insulation of the FORIS pvc joinery translates into significant reduction of heating costs during the winter and air conditioning during the summer heatwaves. Designing the FORIS pvc windows and doors, it is possible to fully use the construction possibilities of the system without the slightest concern for the thermal insulation of these elements.

ECOLOGY

Ca-Zn technology



Our main principle is the production of top quality profiles without affecting the natural environment. We do not apply components which are detrimental to humans and to the environment at any production stage. We eliminated the heavy metals at the production of

FORIS pvc profiles and replaced them with calcium and zinc which are friendly for man and for the environment. We have been developing our technology of production of profiles with the CA-ZN stabiliser already since 1994, which caused us to become market leaders in this particular field. What is very important, the physico-chemical parameters of our profiles have not suffered from this. On the contrary, in comparison with the old solutions, we achieve even better results in the case of some parameters like, for instance, colour preservation.

VARIED COLOUR PALETTE

Individuality at home



The FORIS window colour palette may be very diverse, and its choice is practically unlimited, owing to the possibilities created by the latest pvc profile veneering technology. The FORIS windows made in the two-sided version of timber-like colours are

typically realised on the brown body, which perfectly raises the aesthetic qualities of the joinery. The FORIS windows are available in 15 standard colours and in a broad palette of supplementary colours.

EUROPEAN QUALITY



We use top quality raw materials for the production of FORIS profiles exclusively, we do not use recycled pvc. We put a particular emphasis on the conformance of the windows from the FORIS pvc profiles, made at the production plants of our partners, with

the technical and formal requirements.

More information can be found on our website www.foris.eu or in the dealer lead-free windows and doors FORIS.

GERMAN WINDOW SYSTEMS



The non-faced sash and glazing bead with an undercut give a characteristic appearance of the window. The installation depth of three-chamber systems amounts to 60mm, and the height of the FORIS 100 frame is 68mm. FORIS 100 provides good sound and thermal insulation. The thermal insulation coefficient of the window profiles amounts to $U_f = 1.6 \text{ W/m}^2\text{xK}$. Due to the traditional design as well as the durable and reliable construction, FORIS 100 is attractive for each type of buildings. FORIS 101 was developed taking into account the institutional investors. In particular, it was designed for the needs of public utility buildings and residential districts. The smaller installation depth ensures greater inflow of light to the rooms, and the non-faced sash gives a classic appearance to the window.

Characteristic features

- calcium-zinc stabiliser
- three-chamber frame with a height of 68mm
- non-faced three-chamber sash with a height of 80mm
- installation depth 60mm
- zinc-coated steel reinforcements
- glazing bead with a characteristic undercut
- smooth and oblique frame and sash notch
- glazing and EPDM buffer gaskets

FORIS 100 / 101

BASIC TECHNICAL PARAMETERS

Heat transfer coefficient U_f	1,6 $\text{W/m}^2\text{xK}$
Sound insulation R_w	to 38 dB
Air permeability class	to 4
Waterproofness class	to 8A
Wind impact resistance class	C3
Thickness of glass packets	6-34 mm
Installation depth / number of chambers	60 mm / 3
Gasket type, outside/inside	EPDM / EPDM