



FORIS 500HT

DOORS 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 modern design of door profiles in connection with a plethora of constructional possibilities make the FORIS 500HT entrance door create an individual character of each house. The construction of the FORIS 500HT entrance door enables the application of any door fillings, allowing all the aesthetic requirements to be fulfilled. The entrance door may be performed in a wide colour palette. The five-chamber construction of the door profiles ensures excellent thermal and sound insulation. The FORIS 500HT entrance door is typically equipped with an aluminium threshold with a thermal break. The installation depth amounting to 72mm and the sash height of 119mm make the entrance door obtain a very high stiffness and ensure reliable functioning for many years. The entrance door may be equipped with top class fittings.

Characteristic features

- calcium-zinc stabiliser
- five-chamber frame with a height of 76mm
- half-faced five-chamber sash with a height of 119mm
- installation depth 72mm
- zinc-coated steel reinforcements
- oblique glazing bead with a characteristic undercut
- insulated aluminium threshold
- glazing and EPDM buffer gaskets

FORIS 500HT

BASIC TECHNICAL PARAMETERS

Heat transfer coefficient U_f	1,3 W/m ² xK
Sound insulation R_w	to 38 dB
Air permeability class	2
Waterproofness class	3A
Wind impact resistance class	C2
Thickness of glass packets	6-34 mm
Installation depth / number of chambers	72 mm / 5
Gasket type, outside/inside	EPDM / EPDM