

# Very INSULATED DOORS

Ud 0,38W/m<sup>2</sup>.°C...



**VARMĀJ**  
*portas izolatas ekologiaj*

Varmaj in esperanto : warm, animated, cordial

We are introducing our doors Varmaj, they are practically as insulated as the walls.

Doors and frames are of wood, with 14-15cm wool and a quadruple glazing.

Their construction is quite complicated, especially with the angles needed for the thickness of the door.

In ecological and passive buildings there is a growing importance of insulated doors, so are already walls and roofs.

The air-tightness according to norm EN 1026 and EN12207, our doors are in class 4, the best.

Hot air is not flowing away...

No chemicals inside !





Along the perimeter of the door are two continuous silicon joints.

Door is swung on 3 stainless hinges adjustable in all 3 dimensions.

The door's lock has 3 points, 2 of which are hooks.

Doorstep is from wood inserted between two stainless profiles.

Insulated glazing is with 4 layers of glass filled with argon (Ug to 0,44).

The thickness of the door is 180mm.

Width of door opening is 930mm

Frame 1220mm X 2220mm

Weight is around 80-100kg depending from the glazing, similar to an oak massive door.

Thermic loss is 0,38W/m<sup>2</sup>.°C without glazing, 12 times less than non insulated door.

**VARMAR**  
*portes isolantes écologiques*

Wood (oak or larch) is local-sourced.

Inside construction of door and frame are conceived to lower thermic loss.

During building no chemical are used, only putty in the glazing.

The surface of door is covered with ecological linseed oil.

Ecology, about ecology :

Ecology is a global view about life and the world.

That why it's necessary to lower the energetic need for heating, and that's why, for you and for us, we don't use any toxic chemicals (polyuretan, ...)

Our standard guarantee is 10 years.

We are continuously looking to improve our products, so some details can change...



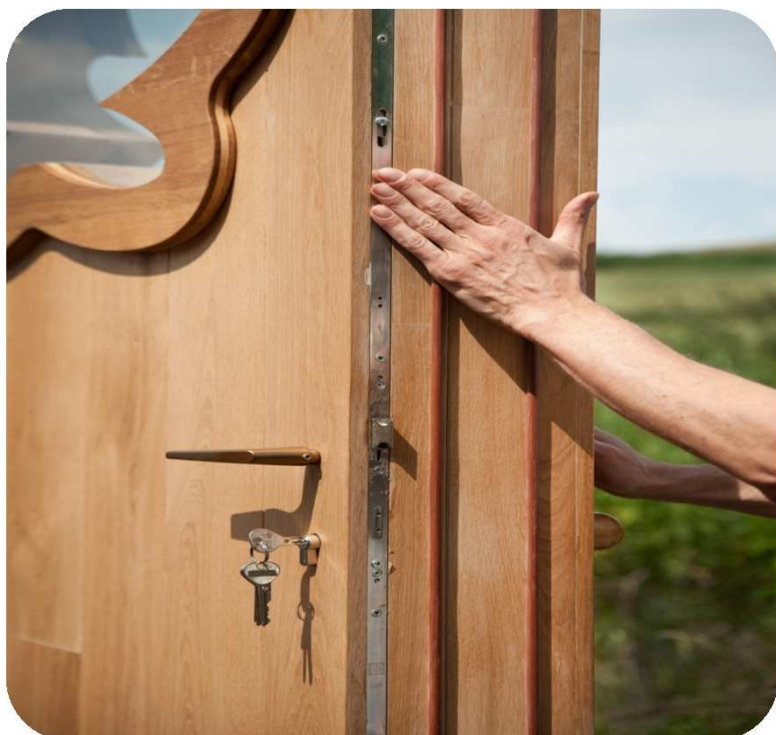


# Excellently insulated DOORS

Ud 0,38W/m<sup>2</sup>.°C...

**VARMAJ**  
*portes isolantes écologiques*

Varmaj in esperanto : warm, animated, cordial



Ours doors fill the most exacting criterions about insulation warm, air-tightness and noise. And they look good !

Each door is tested about it's air-tightness before it leaves our workshop.

Acoustic property is 35dB, we are able do reach 37dB and more.

Doors were fire-tested according to norm EN 1634-1 and EN 13501-2+A1 : 3/4 hour.

EI1 45 / EI2 45 / EW 45

Doors VARMAJ are certified by Passiv Haus Institut (Darmstadt)

NEWROCK s r.o. Patrick Monnot

PS 58 28522 ZRUC

Czech Republic

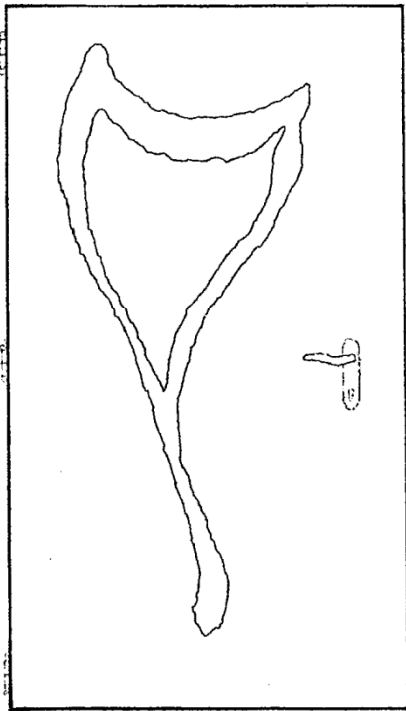
T/F 00 42 (0)327 531 418

[www.porte25.eu](http://www.porte25.eu) [porte25.eu@gmail.com](mailto:porte25.eu@gmail.com)

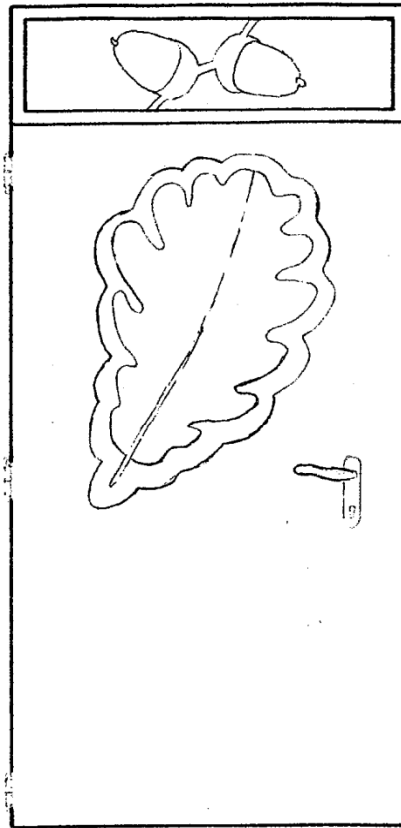
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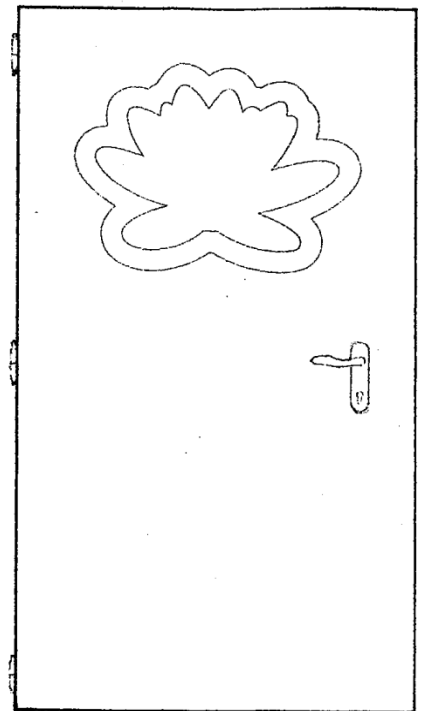
Some glazing that we are able to offer you :



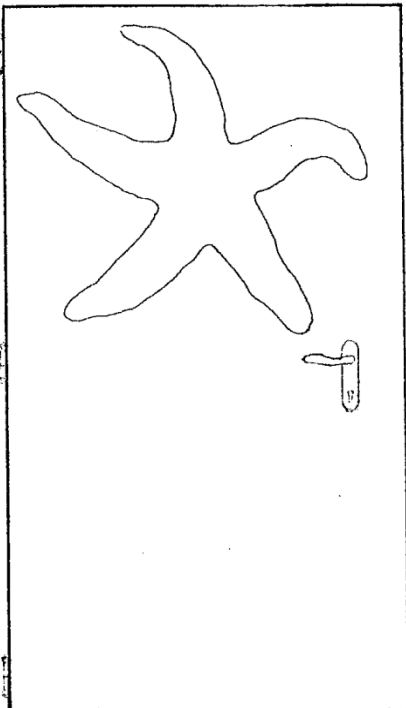
chalice



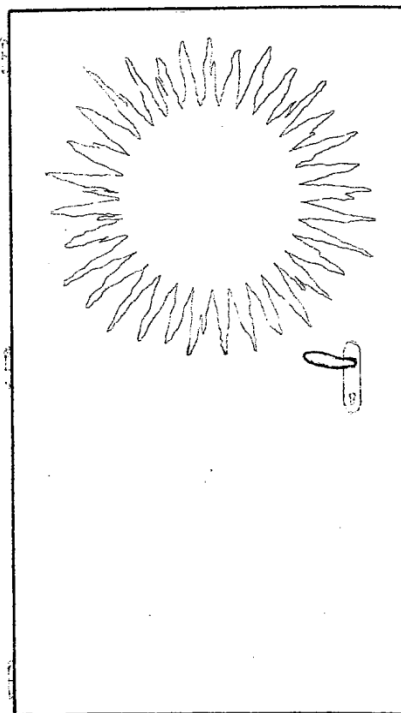
oak sheet



lotus



star-fish



sun



There are more possibilities - please ask  
It's a pleasure for us to create warm design...  
We are able to build conventional design too....  
Unique mix of know-how and art make unique technology.