



Energy efficient 3K wooden doors

Viking Window AS is an Estonian company which started the production of wooden windows and exterior doors in 1997. Today, the company, which is based in Mäo about an hours drive from Tallinn, the countrys capital, has become the leading manufacturer of outward opening wooden and aluminium-clad wooden windows in Estonia. Its products are also highly valued on the international market. In addition to the United Kingdom and Ireland, Viking Window products are sold to Sweden, Norway, Denmark and Iceland.

Viking Windows pride themselves on high quality of products, a client-friendly service, most importantly fast and efficient delivery. All products are manufactured following exact specifications from each client using environmentally friendly materials. The durability of the products is ensured with vacuum deep impregnation of all wooden parts.



Since 2000, Viking Window AS has been applying a quality management system which complies with the ISO 9001:2000 standard, and since 2005 the environmental management system has complied with the ISO 14 001:2004 standard. Our production methods also comply with the British standard, BS 644

(Factory assembled windows of various types).

The advantages of the Viking Window 3K products:

- ▶ Contemporary appearance and sleek design;
- ▶ Excellent storm proof detailing
- ▶ Excellent thermal performance
- ▶ Made to measure every time

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Viking Window has recently added a new product to the energy efficient triple layer product range - inward and outward opening exterior doors with different designs and specifications. 3K series wooden windows and doors are designed to offer higher energy efficiency - average U-value of the 3K door is 1.0 W/m²K

Door panels are composed of an insulated sandwich construction, consisting of a styrofoam core with a pine frame on four sides and cross banded veneers with aluminium stabilising sheets on the front and back.



Insulated plate of extruded polystyrene rigid foam (XPS)

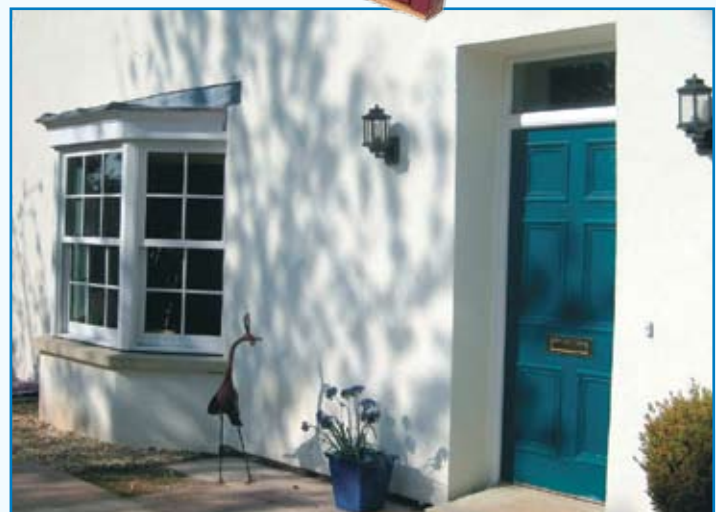
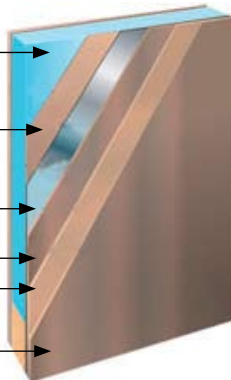
Vertical veneer on the reverse side

Aluminium moisture barrier and stabilising sheet

Vertical veneer (for stability)

Horizontal veneer (for stability)

1,5mm cut front side veneer (for durability)








VIKING WINDOW AS

Specification:

- ▶ Frame: 55x92mm (pine); threshold 40x92mm (oak);
- ▶ Door leave: thickness 68mm; materila Gabon (veneer for paint) or Chen-Chen
- ▶ Door espagnolettes, hinges and locks from Assa Abloy
- ▶ Avarage U-value of the 3K door is 1.0 W/m²K

WINDOW SHAPES

With an 3K door leaf there is a large range of standard window shapes to choose from.

-  Diamond – measures 300x300mm, 350x350mm and 400x400mm
-  Circle – diameters 250mm, 300mm, 350mm, 400mm, 500mm, 600mm, 700mm
-  Rectangular – measures 170x800mm, 170x903mm, 137x800mm, 137x903mm
-  Square – measures 300x300mm, 350x350mm, 400x400mm
-  Oval – measures 500x300mm, 650x400mm

3K door leaves can be delivered with a large selection of standard designs.

