



VIKING WINDOW FOLDING PATIO DOORS

Viking Window AS is an Estonian company which started the production of timber windows and exterior doors in 1997. Today the company has become one of the leading manufacturers of outward opening timber and aluminum clad windows. Its products are highly valued on the international market. In addition to the United Kingdom and Ireland, Viking Window products are sold to Sweden, Norway, Denmark, Iceland, France and Japan. Viking Windows pride themselves on high quality products, a client-friendly service, and most importantly fast and efficient delivery. All our products are manufactured following exact specifications from each client using environmentally friendly materials.



Since 2000, Viking Window AS has been applying a quality management system which complies

with the ISO 9001 standard, and since 2005 the environmental management system has complied with the ISO 14001 standard.



Since 2007, we have the FSC Chain of Custody certificate which proves that we use timber from responsibly managed forests.

Our production methods also comply with the British standard, BS 644.

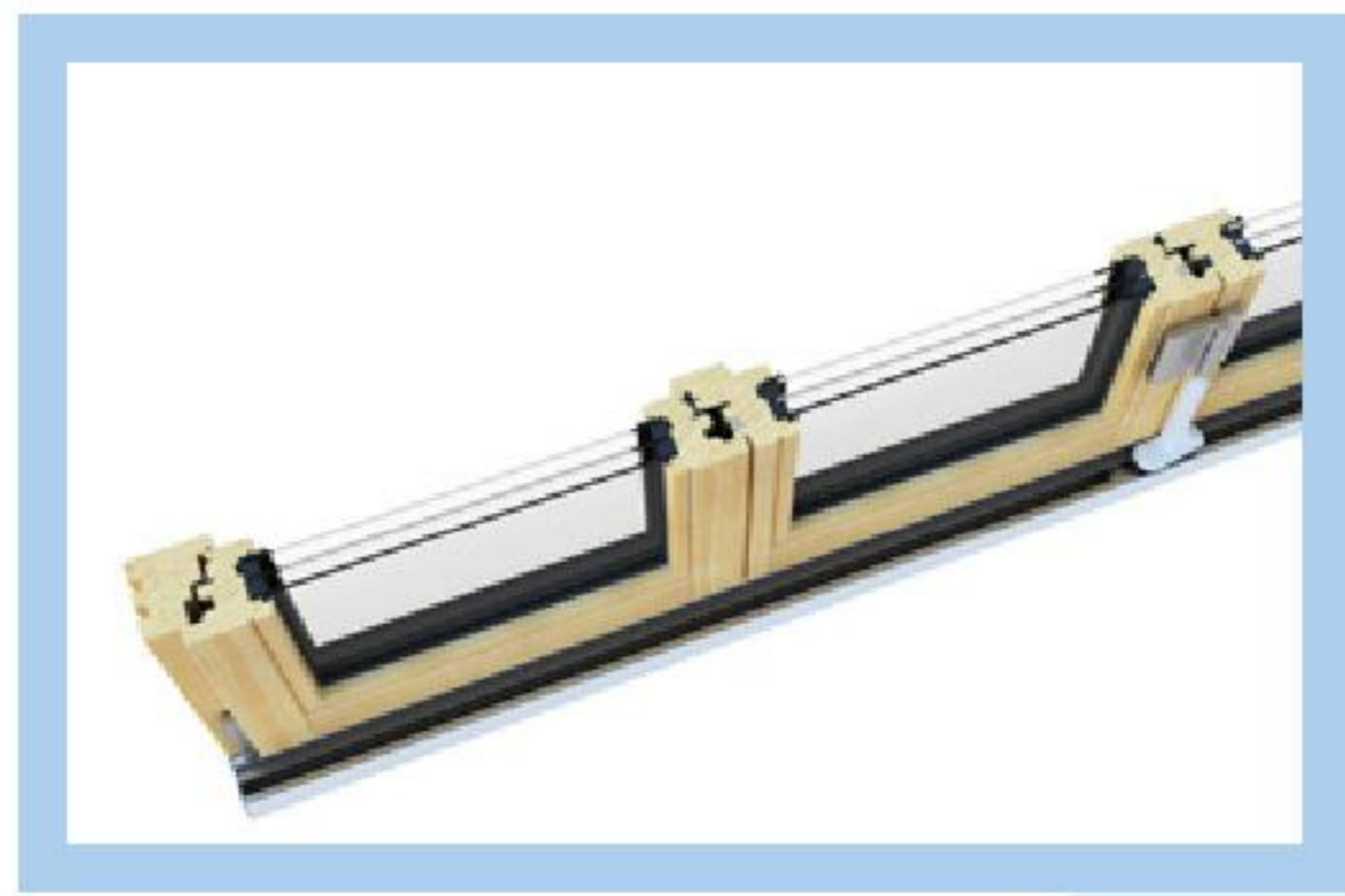


In 2009 compliance to Norwegian Door and Window standards was certified.

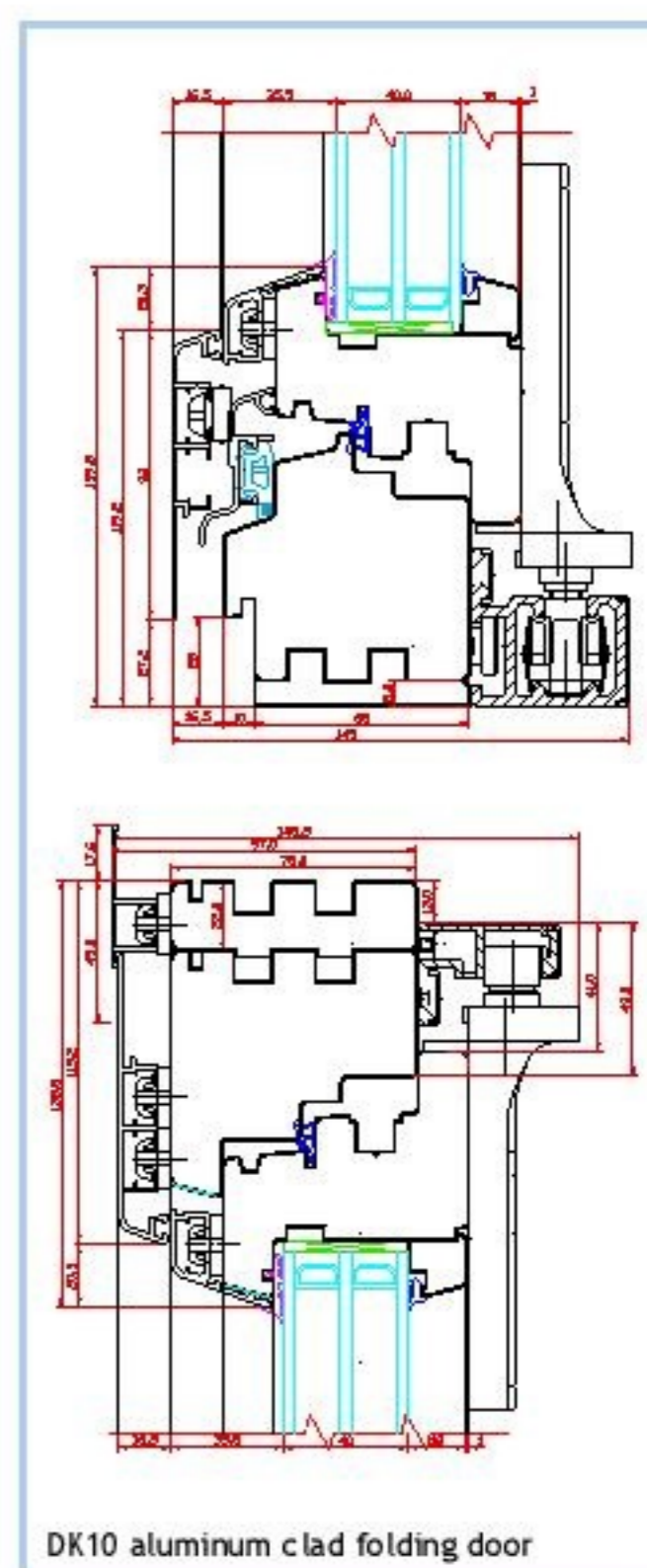
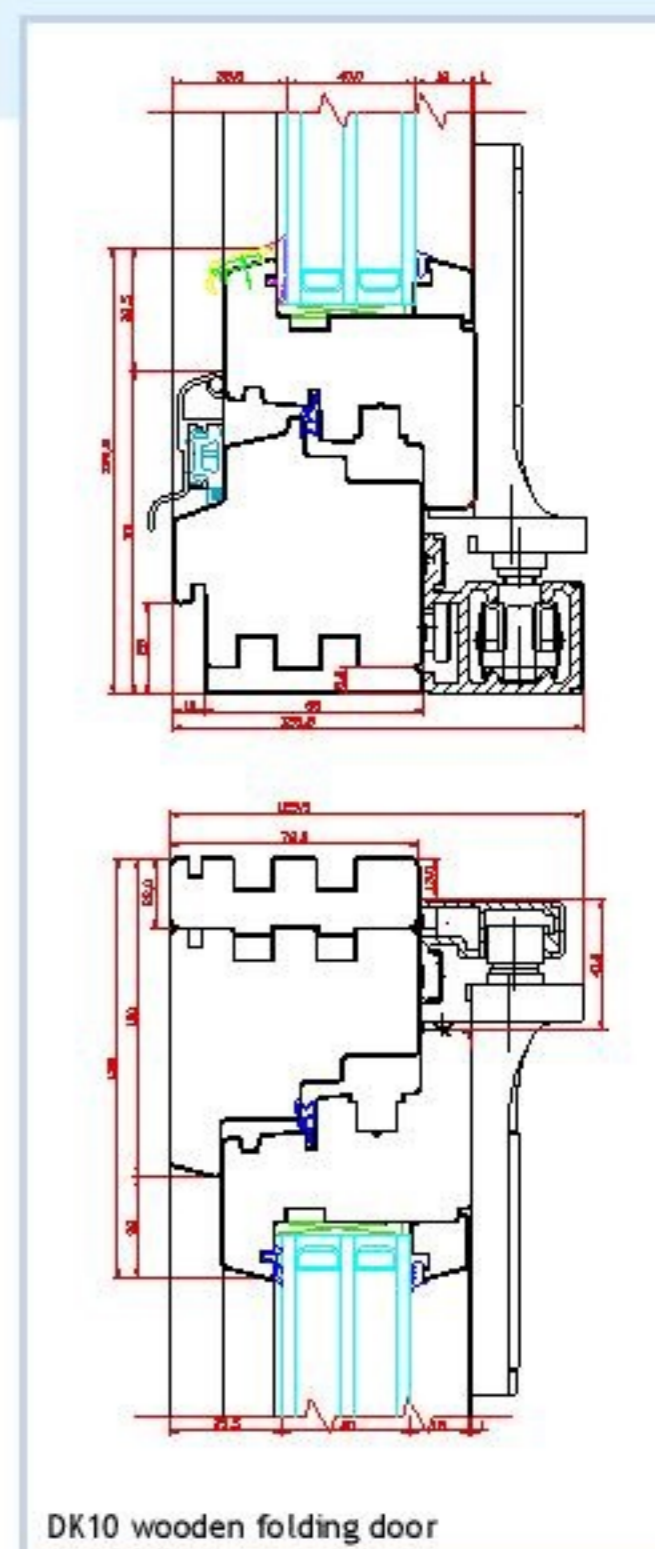
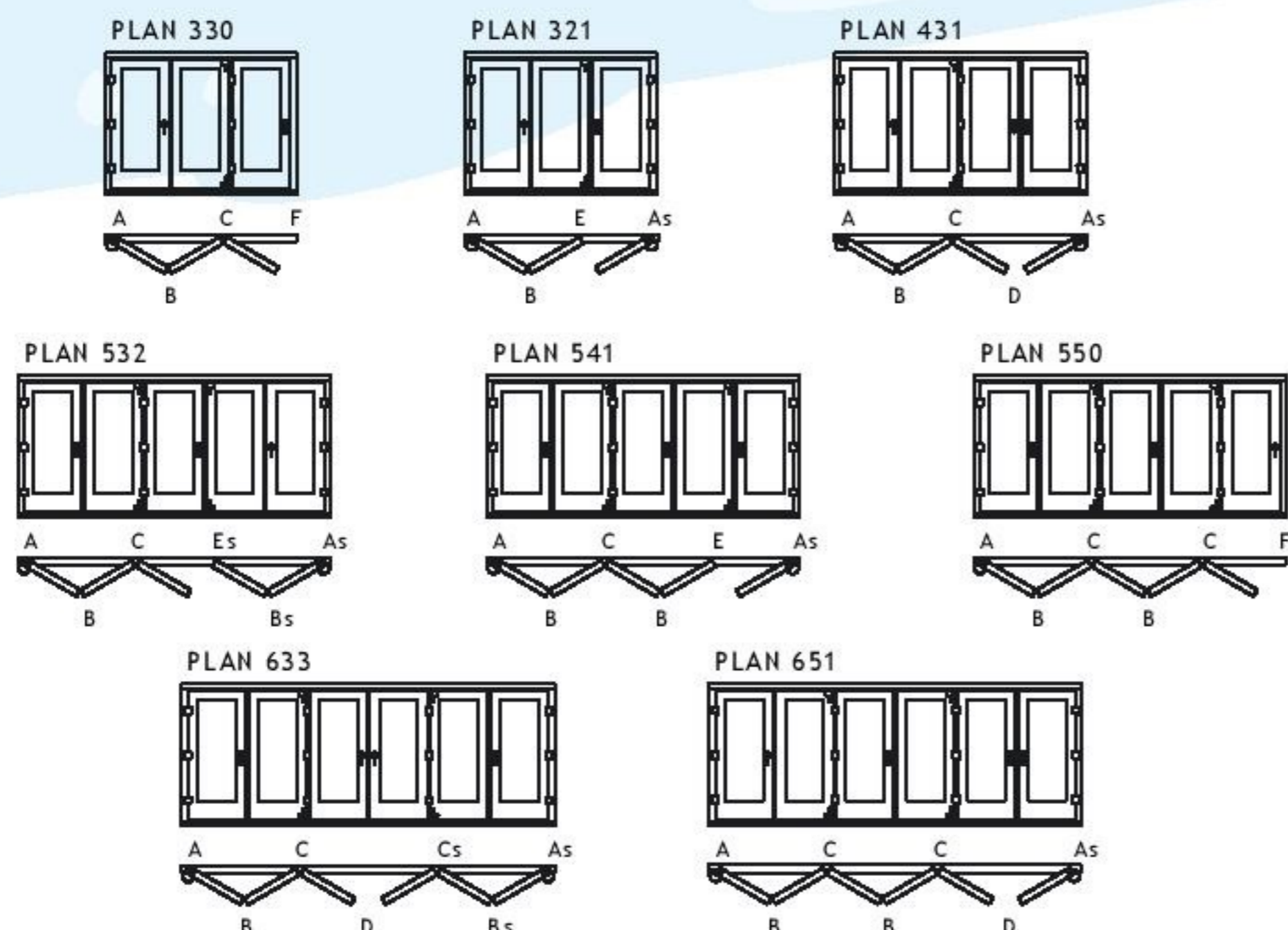
Folding doors are ideal for locations where there is a need for large openable areas: opened door leaves are fixed on the side(s) of the product. This way opening is completely clear.

The product is based on same profile system as Viking DK10 inward opening wooden window and therefore it does not have conventional threshold. In addition to traditional sideways slide opening it tilts at the top for ventilation. ROTO hinges system enables to manufacture up to 130 kg openable sash.

Folding door is available both as wooden and aluminum clad door. Traditional double glazing ($U_g = 1,1 \text{ W/ m}^2\text{K}$) or energy efficient triple glazing ($U_g = 0,6 \text{ W/ m}^2\text{K}$) can be used. Finishing according RAL, NCS (paint) or Vikings (lacquer) tone catalog by customer's choice preference.



Examples of different opening possibilities of folding doors



Technical properties of folding door

Thermal transmittance

- With double glazing: $U_w = 1,29 \text{ W/ m}^2\text{K}$.
- With triple glazing: $U_w = 0,97 \text{ W/ m}^2\text{K}$.
- Thermal window: $U_w = 0,87 \text{ W/ m}^2\text{K}$.

Sound insulation

- With double glazing: $R_w \text{ (C; Ctr)} = 33\text{db} \text{ (-1; -4)}$.
- With triple glazing: $R_w \text{ (C; Ctr)} = 35\text{db} \text{ (-1; -5)}$.
- Cross sections: frame $78 \times 78 \text{ mm}$; sash $78 \times 78 \text{ mm}$; transom/mullion $105 \times 78 \text{ mm}$; glazing bar $63 \times 78 \text{ mm}$ or $85 \times 78 \text{ mm}$.
- Pine wood with quality class A1-A3.
- Wooden profiles treated with water based preservative.
- Glazing unit: double glazing 26 mm ($U_g = 1,1 \text{ W/ m}^2\text{K}$) or triple glazing 40 mm ($U_g = 0,6 \text{ W/ m}^2\text{K}$).
- Hardware: ROTO.
- Frame dimensions: $W \times H \text{ max. } 4,3 \times 2,5 \text{ m}$.
- Multilight windows with transoms and mullions.
- Weight of the opening sash up to 130 kg.

Warranty

All products come with a five year warranty.

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