



VEKAPLAN KD/Wood

Strong and formable for door panels



 **VEKAPLAN**
ALWAYS THE IDEAL SOLUTION

VEKAPLAN – a name that stands for quality, service and sustainability



Quality is our basic philosophy

As the world market leader for PVC window and door profiles VEKA also stands for an unconditional commitment to the quality of the VEKAPLAN sheet systems. Only products of consistently high quality allow for easy processing and reliably meet all practical requirements. In order to secure this quality we apply strict controls along the entire production chain – from inspection of the delivered raw materials in our own lab through regular colour adjustments to the final checks of our extruded sheets and laminations.



Service for your success

VEKAPLAN stands for an extensive range of services and high motivation. We maintain long-term business relationships with our partners and provide support in numerous ways. For example we offer comprehensive technical support on all issues regarding applications and the processing of our sheet systems and also by supplying attractive marketing materials. Last but not least we offer very high product availability. As a VEKA partner you enjoy valuable market advantages – we always have an open ear for your individual production requests.

Recycling conserves resources

As a family-run company marked by an attachment to values we believe in our responsibility for the natural resources and for sustainable management. This is why the production of our VEKAPLAN sheet systems is designed to be as resource efficient as possible, among other things through comprehensive heat recovery. Furthermore we have implemented a system for the recycling of PVC which allows us to recover the valuable material from old products and to use it again for the production of new high quality sheets. The best example is VEKAPLAN CX, a sheet system with a solid and durable inner core made of recycled PVC.



VEKAPLAN KD/Wood:

A durable, aesthetic range

VEKAPLAN KD is a compact sheet which is characterised by its excellent hot and vacuum formability. Being produced by the co-extrusion method this sheet is very rigid and provides increased impact strength. With its extensive shades of white and – as VEKAPLAN Wood – the various wood grain and single-colour foils, it is the ideal sheet for door panels for both interior and exterior use.



At a glance

Colours

- various shades of white
- wood grain foils
- single-colour foils

Properties

- increased impact resistance
- extremely well thermo- and vacuum-formable
- UV- and weather-resistant
- moisture-resistant
- non swelling
- highly chemical resistant
- good mechanical properties
- recyclable

Numerous processing possibilities

This high quality PVC sheet VEKAPLAN KD/ Wood can be processed with all commonly used machinery and methods:

- thermo- and vacuum-forming
- sawing, milling, drilling
- cutting, punching
- adhesive bonding



For high demands of stability

VEKAPLAN KD/Wood satisfies all applications which require both high stability and attractive design. The thin compact sheet is extremely resistant to mechanical strain and can be easily combined with other materials to make high strength easy to clean sandwich elements. At the same time it allows the realisation of the most challenging mouldings by thermo- or vacuum-forming and offers an excellent resistance to light, weather and heat.



VEKAPLAN KD/Wood

Packaging units/Product range overview

Shades of white: VEKAPLAN KD

PVC-compact sheet, white, with vacuum-formable protective foil on one side, packed on pallets.

Thickness (mm)	Dimensions (mm)	Pieces/Pallet
1,4	2010 × 855	200
	2175 × 975	200

Further thicknesses and dimensions upon request.

Laminated: VEKAPLAN Wood

PVC compact sheet, various wood grain foils, with vacuum-formable protective foil on one side, packed on pallets.

Examples for wood grain foils

Irish Oak
Staufereiche Kolonial
Colmar Eiche sepia
Staufereiche mocca
Montana Eiche tabak
Sapeli
Macoree
Kirsche Piemont
Mori maron
Cremeweiß
Beige
Silbergrau
Anthrazitgrau
Schwarzbraun
Seagreen
Tannengrün
Stahlblau
Rubinrot

Thickness (mm)	Dimensions (mm)	Pieces/Pallet
1,5	2010 × 860	200
	2200 × 975	200

Further decorative foils, thicknesses and dimensions upon request.

Examples for wood grain foils

Black Cherry
Golden Oak
Mahogany
Sapeli

Thickness (mm)	Dimensions (mm)	Pieces/Pallet
1,5	2010 × 855	200
	2175 × 975	200

Further decorative foils, thicknesses and dimensions upon request.

Properties VEKAPLAN KD/Wood

Properties	Standard	Value
Thickness [mm]		1,4/1,5/2/3
Density [g/cm³]	DIN EN ISO 1183	1,38 - 1,43
E-modulus [MPa]	ISO 527 (50 mm/min)	2900/2700*
Impact strength (Charpy) [kJ/m²]	ISO 179/1eU	without breaking
Notched impact strength (Charpy) [kJ/m²]	ISO 179/1eA	7,3/8,0*
Tensile strength [MPa]	ISO 527 (50 mm/min)	46
Flexural strength [MPa]	ISO 178 (2 mm/min)	80
Shore hardness D	ISO 868	77/82*
Coefficient of expansion [mm/mK]	DIN 53752	0,08
Vicat-softening point [°C]	ISO 306 (B50)	70/78*
Heat distortion temperature [°C]	ISO 75-2 (1,8 MPa)	60/70*
Water absorption [%]	ISO 62 (after 216 h)	0,09

*Values for VEKAPLAN Wood based on the standard

What can we do for you?

Quality, trust, security: Based on these principles VEKA has become the world leading manufacturer of PVC profiles for windows and doors. Since 1985 we have been using our PVC expertise also for the production of our first-class VEKAPLAN sheet systems – and have established ourselves as quality supplier also in this segment. You can rely on our commitment: We offer you a wide standard product range as well as customised solutions for your individual projects or complex technical tasks. Please contact us!

VEKA AG

Dieselstr. 8
D-48324 Sendenhorst
Tel. +49 2526 29-0
Fax +49 2526 29-3710

www.vekaplan.de
info@vekaplan.de

Ein Unternehmen der Laumann Gruppe

