

VEKAPLAN KD

The compact sheet, with large potential



- co-extruded
- increased impact strength
- especially suitable for thermoforming
- UV- and weathering resistant



Your partner for quality and success

VEKAPLAN KD – The compact sheet

VEKAPLAN KD is a rigid PVC compact sheet. It is manufactured using a co-extrusion process where one side is equipped with a protective foil suitable for vacuum forming. Its surface has high UV and weathering resistance. Because of the superior thermoforming characteristics of this stable sheet it is excellently suited as a door fill material.

VEKAPLAN KD is available in various shades of white as well as diverse wood grain foils.

Properties

- impact resistant
- high UV- and weathering resistance
- moisture resistant
- good mechanical properties
- excellent vacuum forming characteristics
- good chemical resistance

Fields of application

- door fill material
- sandwich panels
- interior and exterior architecture
- many other implementations

Packaging units / overview VEKAPLAN KD

PVC compact sheet, extensive range of white variants, co-extruded, high impact resistant, improved vacuum forming characteristics, with vacuum formable film on one side, packed on pallets.

PVC compact sheet, with wood- grain foil on dark grey PVC base material (HIT 66), with vacuum formable film on one side, packed on pallets.

Mahagoni	Renolit	Nr. 2065013
Sapelli	Renolit	Nr. 2097021
Golden Oak	Renolit	Nr. 2178001
Rosewood	Renolit	Nr. 3202002

Shades of white

Thickness (mm)	Dimension (mm)	Pieces/Pallet
1,5	2010 x 855	200
1,5	2175 x 975	200

Wood grain

Thickness (mm)	Dimension (mm)	Pieces/Pallet
1,5	2010 x 855	200
1,5	2175 x 975	200

Properties	Standard	Values
Thickness (mm)		1,5
Density (g/cm ³)	DIN EN ISO 1183	1,39 - 1,42/1,26*
E-modulus (Mpa)	ISO 527 (50 mm/min)	2900/2700*
Impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	without breakage
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	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 (10 ⁻⁵ /K)	DIN 53 752	8 · 10 ⁻⁵
Vicat softening point (°C)	ISO 306 (B 50)	70/78*
Heat distortion temperature (°C)	ISO 75-2 (1,8 Mpa)	60/70*
Water absorption (%)	ISO 62 (after 216h)	0,09

*values for VEKAPLAN KS Wood

More detailed information on the processing of our sheets are available on demand.