

VEKAPLAN K

Rigid and compact – leeway for ideas



- highly impact resistant
- weathering resistant
- hardly inflammable



Your partner for quality and success

VEKAPLAN K – The compact sheet

VEKAPLAN K is a compact sheet made of rigid PVC. It stands out for its high impact resistance as well as for its universal processing possibilities.

Properties

- highly impact resistant
- non-fading
- weathering resistant
- moisture resistant
- well chemical resistant
- gut chemikalienbeständig
- recyclable

Processing

- sawing, drilling, milling
- screen printing
- screwing
- punching
- painting
- laminating
- thermoforming
- welding

Fields of application

- exhibition construction
- shop fittings
- displays
- signs
- interior wall facting
- interior and exterior decoration.

Packaging units / overview VEKAPLAN K

Compact sheets made of PVC – white –, protection film on one side, highly impact resistant, packed on pallets, quality B1 according to DIN 4102 in 1 and 2 mm on stock, 3 and 4 mm on request.

Stärke (mm)	Abmessungen (mm)	Stück/ Pal.
1	2000 x 1000	250
	2100 x 1000	250
	2440 x 1220	200
	3000 x 1500 *	150
	3050 x 2030	120
1,5	2000 x 1000	200
	2100 x 1000	200
	2440 x 1220	150
	3000 x 1500 *	120
	3050 x 2030	100
2	2000 x 1000	150
	2100 x 1000	150
	2440 x 1220	100
	3000 x 1500 *	80
	3050 x 2030	60
2,5	3000 x 1000	80
3	2000 x 1000	100
	2440 x 1220	70
	3000 x 1500	50
	3050 x 2030	40
4	2000 x 1000	80
	3000 x 1000	50
	3000 x 1500	40
	3050 x 2030	30
5	2000 x 1000	70
	3000 x 1500	40
6	2000 x 1000	60
	3000 x 1000	40
	3000 x 1500	30
8	2000 x 1000	50
	3000 x 1500	20
10	2000 x 1000	40
	3000 x 1500	20

* KS "E" 1-2 mm on stock, one-side structured surface
other dimensions and thicknesses on request

Properties	Standard	Values
Thickness (mm)		1 – 10
Density (g/cm ³)	DIN EN ISO 1183	1,40 – 1,46
E-modulus (Mpa)	ISO 527 (50 mm/min)	3000
Impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	without breakage
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eA	7,1
Tensile strength (Mpa)	ISO 527 (50 mm/min)	48
Flexural strength (Mpa)≥	ISO 178 (2 mm/min)	77,8
Shore-hardness D	ISO 868	80
Surface resistance ROE (Ω)	DIN IEC 60 167	2,00E+14
Volume resistance RD (Ω)	EIN IEC 60 093	6,90E+13
Dielectric strength E ₅₀ (KV/mm)	EIN IEC 243	16,8
Dielectric constant ε _r	DIN 53 483	3,0 – 3,6
Coefficient of expansion (10 ⁻⁵ /K)	DIN 53 752	7 · 10 ⁻⁵
Compressive strength (N/mm ²)	DIN 53 421	70
Vicat softening point (°C)	ISO 306 (B 50)	72
Heat distortion temperature (°C)	ISO 75-2 (1,8 Mpa)	60
Water absorption (%)	ISO 62 (after 216h)	0,1

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