

VEKAPLAN SF

The light free-foam sheet



- particularly light
- various fields of application
- large colour spectrum



Your partner for quality and success

VEKAPLAN SF – The light sheet

VEKAPLAN SF is a free-foam sheet made of PVC. It is a very light rigid foam sheet with a matt, fine structured surface as well as with a very fine cell structure.

Properties

- impact resistant
- non-fading (only partially valid for the coloured sheets)
- weathering resistant (only partially valid for the coloured sheets)
- well chemical resistant
- recyclable

Processing

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

Fields of application

- exhibition construction
- shop fittings
- displays
- signs
- interior decoration

Packaging units / overview VEKAPLAN SF

Rigid foam sheets made of PVC – white –, with protection film on one side, packed on pallets, quality B1 according to DIN 4102 for interior applications.

Thickness (mm)	Dimension (mm)	Pieces/Pallet B1	Pieces/Pallet C1 (B2)
1	3050 x 1560	–	250
	3050 x 2030	–	200
2	2440 x 1220	160	200
	3050 x 1220	140	150
	3050 x 1560	120	200
	3050 x 2030	100	200
3	2440 x 1220	100	150
	3050 x 1220	80	120
	3050 x 1560	60	120
	3050 x 2030	50	100
4	2440 x 1220	80	100
	3050 x 1220	60	80
	3050 x 1560	50	100
	3050 x 2030	40	80
5	2440 x 1220	80	100
	3050 x 1220	60	80
	3050 x 1560	50	80
	3050 x 2030	40	60
6	2440 x 1220	60	80
	3050 x 1220	50	60
	3050 x 1560	40	60
	3050 x 2030	30	60
8	2440 x 1220	50	50
	3050 x 1220	40	40
	3050 x 1560	30	40
	3050 x 2030	25	45
10	2440 x 1220	50	50
	3050 x 1220	40	40
	3050 x 1560	30	40
	3050 x 2030	20	40
	4050 x 2030	20	40

In the dimensions mentioned below VEKAPLAN SF sheets are also available in the following colours:

sunny yellow	N° 47	spring green	N° 48
glowing red	N° 46	dolphin grey	N° 44
ocean blue	N° 49	night black**	N° 40
pure orange*	N° 52		

* available in 5 mm and 10 mm

** also available in 8 mm

Thickness (mm)	Dimension (mm)	Pieces/Pallet
3	3050 x 1560	60
5	3050 x 1560	40

Properties	Standard	Values	
Thickness (mm)		1*,2 – 4	5 – 10
Density (g/cm ³)	DIN EN ISO 1183	0,65	0,55
E-modulus (Mpa)	ISO 527 (50 mm/min)	1100	1100
Impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	17,2	
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	3,1	
Tensile strength (Mpa)	ISO 527 (50 mm/min)	19,5	
Flexural strength (Mpa)≥	ISO 178 (2 mm/min)	32,9	
Shore-hardness D	ISO 868	44 – 47	39 – 42
Surface resistance ROE (Ω)	DIN IEC 60 167	2,00E+14	
Volume resistance RD (Ω)	EIN IEC 60 093	7,94E+13	
Dielectric constant ε _r	DIN 53 483	1,8 – 2,1	
Coefficient of expansion (10 ⁻⁵ /K)	DIN 53 752	6 · 10 ⁻⁵	
Vicat softening point (°C)	ISO 306 (B 50)	57	
Heat distortion temperature (°C)	ISO 75-2 (1,8 Mpa)	58	
Water absorption (%)	ISO 62 (after 216h)	0,9	

*density 0,75 g/cm³

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