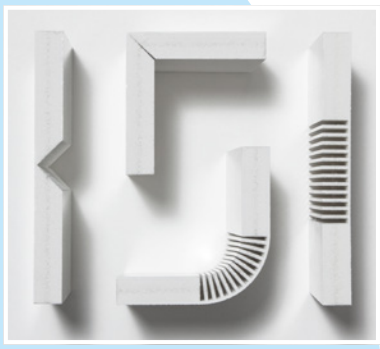
VEKAPLAN S

The light solution so things will go smoothly

Caravan Industry

Material: VEKAPLAN S

Application: interior basis of caravan wallstructure



- stable and impact resistant
- moisture resistant
- light and non-swelling

interior ambulance furniture

Material: VEKAPLAN S

With a special closed edge for furniture

Your partner for quality and success

VEKAPLAN S – the smooth sheet

VEKAPLAN S is a foam sheet with excellent properties, made of rigid PVC, produced by the Celuka process. This process makes it possible to achieve a uniform inner cell structure and a homogeneous surface on both sides.

Special closed furniture edges make edge bands unnecessary. They prevent dirt and moisture from entering and are therefore of great value for all applications that require a high degree of hygiene.

Wall linings and furniture made of VEKAPLAN S are easy to clean. VEKAPLAN S is colour-fast – painting and varnishing are not necessary!

VEKA offers a very wide range of Celuka foam sheets in many extra thicknesses and dimensions.

Properties
- stable and impact resistant
- non-fading
- weathering resistant
- moisture resistant
- non-swelling
- chemical resistant
- good soundproofing and thermal insulating
- recyclable

Processing
- sawing
- drilling
- milling
- screwing
- adhesive bonding
- painting
- welding
- thermoforming
- slitting and bending

Fields of application
- panel vans
- vehicle internal furniture
- caravan industry
- ambulance construction
- furniture construction
- wet rooms
- balustrades
- sales vans

Packaging units / overview VEKAPLAN S

PVC-Celuka foam sheets – white – with protective foil on both sides, packed on pallets, quality B1 according to DIN 4102 available on demand.

Thickness (mm)	Dimensions (mm)	Pieces/Pallet
8	3000 × 1250	60
10	2000 × 1000	40
	2500 × 1000	40
	3000 × 1000	40
	4000 × 1000	30
	2000 × 1250	40
	2500 × 1250	40
	3000 × 1250	40
	4000 × 1250	30
	3000 × 1500	40
	4000 × 1500	30
	3000 × 2000	30
	4000 × 2000	20
13	3000 × 1250	40
15	3000 × 1250	30
17	3000 × 1250	30
19	2000 × 800	34
	3000 × 800	34
	3000 × 1250	20
	4000 × 1250	20
24	3000 × 800	26
	3000 × 1250	20
30	3000 × 1250	15

Properties	Standard	Values		
Thickness (mm)		8,10,13,15,17	19,24	30
Density (g/cm^3)	DIN EN ISO 1183	0,42–0,55	0,42–0,55	0,42–0,55
E-modulus	ISO 527 (50 mm/min)	1050*	1050*	1050*
Impact resistance (Charpy) (kj/m^2)	ISO 179/1eU	20*	20*	20*
Tensile strength (Mpa)	ISO 527 (50 mm/min)	11*	11*	11*
Flexural strength (Mpa) ≥	ISO 178 (2 mm/min)	21*	21*	21*
Shore-hardness D	ISO 868	66–70	–	–
Surface resistance ROE (Ω)	DIN IEC 60 167	2,00E+14	–	–
Volume resistance RD (Ω)	DIN IEC 60 093	1.86E+14	–	–
Dielectric constant ≤ r	DIN 53 483	1.6–1.8	–	–
Coefficient of expansion (10^4/K)	DIN 53 752	6×10^{-5}	6×10^{-5}	6×10^{-5}
Compressive strength (N/mm^2)	DIN 53 421	~ 3,5	–	–
Vicat softening point (°C)	ISO 306 (B 50)	49	49	49
Heat distortion (°C)	ISO 75-2 (1,8 Mpa)	57	57	57
Water absorption (%)	ISO 62 (after 216 h)	4.9	4.9	4.9
Water vapour diffusion equivalent Sd (m)	DIN 52 615	157 (for 10 mm)	–	–
Fire performance	DIN 4102	B2	B1	B2

*following the standard

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