

TECHNICAL DATA SHEET

SAB Daylight Panels (Vision)



Transparency:	approx. 68%
Maximum length of the plate:	8.500 mm
Maximum purlin distance:	2.000 mm - 0,75 kN/m ² 1.500 mm - 1,00 kN/m ² 1.300 mm - 1,75 kN/m ² 1.000 mm - 2,00 kN/m ²
Height bottom tray:	40 60 80 100 mm
U-value:	1.51 1.31 1.16 1.04 W/m ² K
Modulus of elasticity:	700 - 900 kN/cm ²
Noise reduction:	ca. 20 dBA
Dimensional stability:	-40 till +120°C
Tensile strength at 20°C, Polyester:	10 - 12 kN/cm ²
Flexural strength at 20°C, Polyester:	10 - 16 kN/cm ²
Impact resistance, Polyester:	400 - 600 N/cm ²
Barcol hardness:	50
Water absorption in 24 hours:	1,5%
Linear expansion:	0,035 mm/m.K
Thermal conductivity:	0,157 W/m ² .K
Chemical resistance:	good at normal environmental pollution, mineral oils, dilute acids and alkalis at normal temperature.
Fire class:	B2, according to DIN 4102 / 13501-1E
Minimum slope requirement:	5 degrees