



Technical Datasheet

SecondSky™ Polycarbonate Greenhouse Roofs Heat Blocking PC Multiwall Sheet

Premium quality Polycarbonate Heat Resistant Sheet

Product Description

SecondSky™ Polycarbonate greenhouse roofs are engineered to provide superior performance with an impressive up to 80% heat blocking capacity while increasing the daily light up to 25% compared to traditional shade screens. These roofs can be installed or replaced with no difference from standard polycarbonate roofs, and are available in all standard thicknesses, quality, and width configurations.

	Attribute	Value	Unit	Notes
Technical Data General Properties	Number of Walls	2		
	Thickness	6	mm	
	Pitch	6	mm	
	Weight	13	kg/m ²	
	Width	2100	mm	Customisable
	Length	6000	mm	Customisable
	Thermal Insulation (U-value)	3.5	w/m ² k	Est. Value
	Minimum coil bending radius	900	mm	Clear
	G-Value	85	%	
	Fire Certification	B s1 d0		EN 13501-1
	Sound Reduction	15	dB	Est. Value
	Coefficient of thermal expansion	0.065	mm/m°C	
	Service temperature (continuous use)	-40°C !~ 120°C	°C	ISO 7765-1
UV Protection	Yes		Coextruded on external side	
Technical Data Optical Properties	Total Transmission of Visible Light	72	%	EN 2155-5
	NIR Transmission (850 - 1100nm)	52	%	EN 13206
Technical Data Other Properties	Lifetime(*)	10	years	

(*) Limited warranty subject to application.