

Technical data

RÖBER PMMA Steg klima blue

RÖBER PMMA Steg klima blue are twinwall-sheets made from impact modified acrylglass (PMMA).

The gold-shining heatstop-coating of **RÖBER PMMA Steg klima blue** reflects infrared-rays of the sun and reduces the heat-development up to 75% compared to clear roofing-materials. The special bluish coloring of **RÖBER PMMA Steg klima blue** reduces the felt-temperature for human beings and brings higher wellbeing at hot summer days.

The material is famous for its natural UV-resistance, high hailstone-resistance and long lasting-lifetime.

General Properties		
Material	Polymethylmethacrylate (PMMA)	
Lengths	mm	2000 - 7000
Widths	mm	980/1200
Light-transmission-grade	%	ca. 20
K-value	W/m ² K	2,5
Coefficient of thermal expansion	mm/m °C	0,09
Possible expansion due to heat and humidity	mm/m	ca. 6
Max. service-temperature, no load	°C	70
Evaluated sound insulation value (estimated)	dB	24
Minimum allowed cold bending radius	mm	2400
Support distance for width 980 mm, load of 75 kg/m ²	mm	6000
Support distance for width 1200 mm, load of 75 kg/m ²	mm	4000