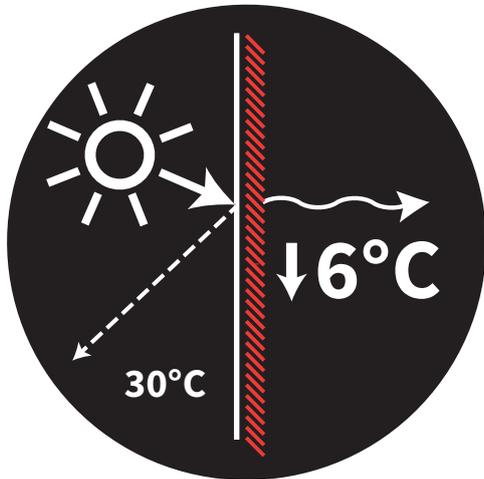


SUMMERTIME



During summertime FRCertified curtains have an impact on the solar energy transmission factor (g) and keep it as low as possible. The solar energy transmission factor when hanging FRCertified curtains can be calculated according to the simplified norm NBN EN 13363-1.

Without taking into considerations other factors such as the overall window surface area, absorption and occupancy of the building, ... the measurements indicate the temperature reduction when using the FRCertified curtain. Assuming the temperature would rise from 20°C up to 30°C in the absence of any curtains.

g the inherent solar energy transmission factor from the window pane.
 g_{tot} the solar energy transmission factor from the window pane in combination with the FRCertified curtain.

The value of g and g_{tot} goes from 0 to 1.
 Value 0 means no solar energy transmission.
 Value 1 means a high amount of solar energy transmission.

RESULTS OF MEASUREMENTS:

	g	g_{tot}	% BENEFIT	TEMPERATURE REDUCTION °C
SINGLE PANE OF GLASS	0,85			
+ FRCertified Elite		0,39	54%	
+ FRCertified Mefisto		0,50	41%	
+ FRCertified Byzance		0,40	53%	
+ FRCertified Tucano		0,40	53%	-5,3°C
DOUBLE GLAZING	0,59			
+ FRCertified Tucano		0,39	34%	-3,4°C