



BRINGS NATURE IN

# Spring





# Spring

"Brings Nature In" - During summer & winter

**Summer** - With a special co-extrusion layer on the external side of the sheet under the UV protective layer "Spring" blocks the invisible IR solar radiation & heat. Result = Lower temperatures (less heat enters the structure), but still allow maximum light coming in.

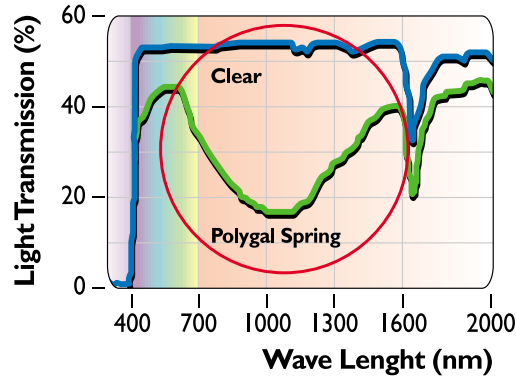
**Winter** - Due to its outstanding insulation properties, "Spring" sheet saves energy costs during winter time.

Polygal Spring sheet means: All year thermal comfort, light & energy saving.

Spring sheet comes in two types:  
Clear appearance - Translucent  
Matte - To avoid dazzle

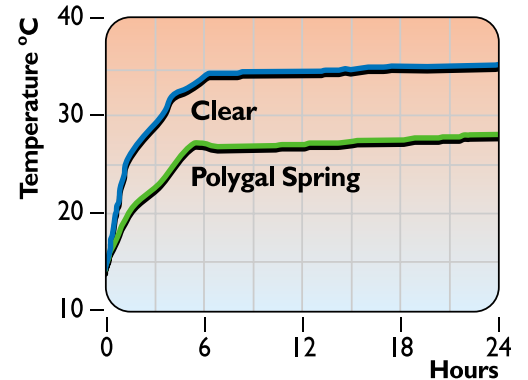


## Spectral Solar Transmission of Polygal Spring vs Clear



— Spectral transmission of Thermogal 32 mm - Clear  
— Spectral transmission of Thermogal 32 mm - Polygal Spring

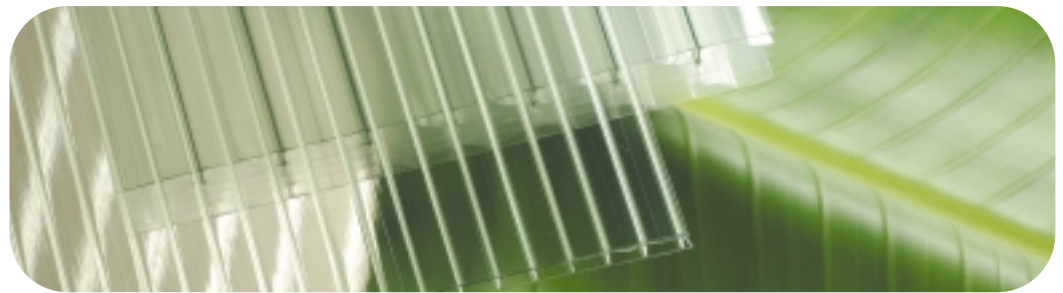
## Inside space heat structure covered in Polygal Spring Sheet compared with Clear sheet.



— Thermogal 32 mm - Clear temperature increase  
— Thermogal 32 mm - Polygal Spring temperature increase

Polygal Spring provides Maximum absorption of solar near-infra-red radiation.

After transient period, Polygal Spring sheets maintain temperatures of 8°C lower than other PC sheets (based on lab. simulation).



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