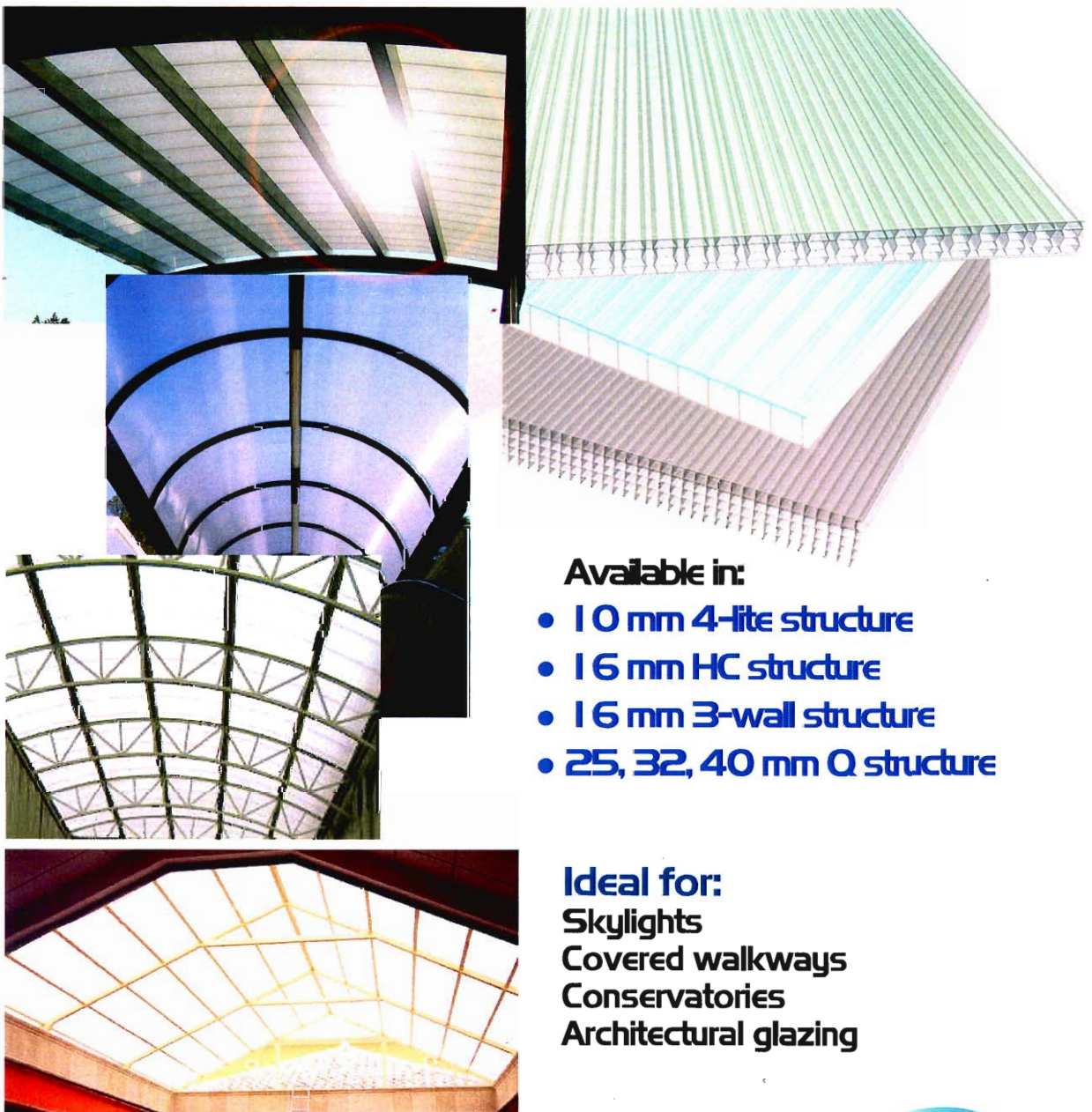


**YOUR WAY TO NEW HORIZONS!**

# **POLITEC HR**

**POLIMERI TECNICI**

**Multi-wall sheets of polycarbonate  
with low energy transmission  
and high transparency**



**Available in:**

- 10 mm 4-lite structure
- 16 mm HC structure
- 16 mm 3-wall structure
- 25, 32, 40 mm Q structure

**Ideal for:**

**Skylights  
Covered walkways  
Conservatories  
Architectural glazing**

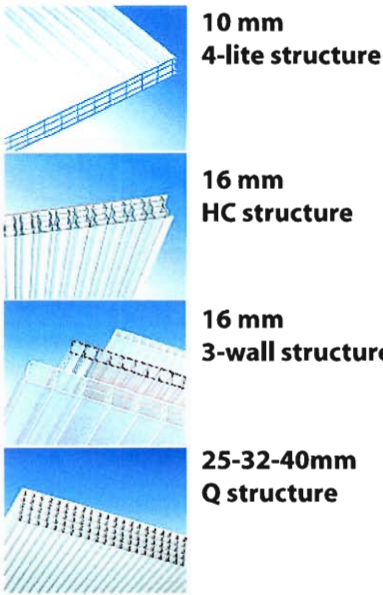
# Sheets with low energy transmission and high transparency



Structure	Weight (Kg/m <sup>2</sup> )	HR GREEN		HR GREY	
		LT%	G-Val %	LT%	G-Val %
10/4	1.75	70	52	69	50
16/HC	2.5	54	40	52	39
16/3	2.7	72	41	70	49
25 Q	3.4	51	38	48	37
32 Q	3.9	42	34	39	34
40 Q	4.2	32	30	30	30

**POLITEC HR** polycarbonate sheets offer both high comfort with an important reduction of the internal temperature and high transparency. **POLITEC HR** sheets therefore reduce the penetration of the solar energy by limiting the penetration of the infrared rays. The exclusive special additive does not damage the visible range and keeps the light transmission almost unchanged. **POLITEC HR** offers the best ratio light transmission / solar energy penetration.

## Available in:



**10 mm**  
4-lite structure

**16 mm**  
HC structure

**16 mm**  
3-wall structure

**25-32-40mm**  
Q structure

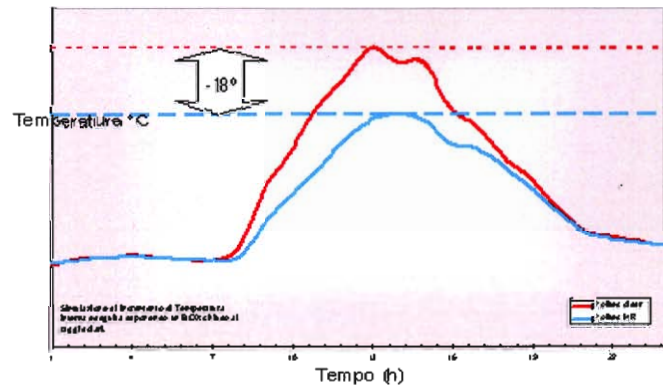
## ● IDEAL COMFORT

Compared to other sheets with solar control **POLITEC HR** does not modify the light transmission but only reduces the heat penetration.

	LT	G-value	comfort index
Politec HR 10 mm	73	47	1,55
Politec STD (Clear) 10 mm	79	81	0,97
Politec ATHERMIC 10 mm	31	44	0,70

## ● HEAT REDUCTION

In a simulation test with a box of polycarbonate the advantage of using **POLITEC HR**, compared to sheets of same thickness but in standard colours, is evident.



The temperature reduction verified during our simulations reach even 30 % in comparison with a clear sheet. Compared to other sheets with solar control.

- lightness
- very good thermal insulation
- excellent impact resistance
- high transparency
- 10 year guarantee



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