

Barlo Plastics introduces

BARLO SPC now offers a new multi wall extruded polycarbonate sheet in a Diamond structure.

This structure has been developed to meet our customers' requirements in terms of improved mechanical properties, better light transmission, easier cutting and cleaning, as well as excellent thermal insulation values.

Barlo Plastics Diamond sheets are UV-protected by co-extrusion.

Product range

Diamond SPC sheets are available in thickness of 16, 25, 32 and 35 mm and in most popular colours: clear, opal 3B and bronze.

Standard dimensions are in widths of 980 and 1200 mm, and in lengths of 6000 and 7000 mm.

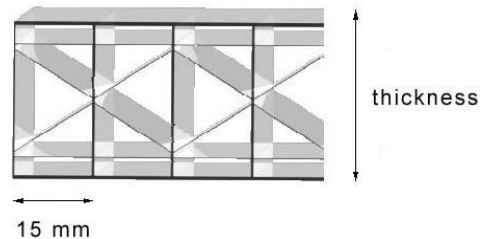
Moreover Barlo Plastics has developed a range of reflective sheets to resist infrared solar rays, available in two versions: Cool White and Super Cool White.*

Diamond benefits

- More rigidity
- More light
- A cooler ambiance

Applications

- Glasshouses
- Skylights
- Orangery
- Sun rooms



Technical information	16 mm	25 mm	32 mm	35 mm
Weight in kg/m ²	2.5	3.3	3.7	4.0
Number of walls	6	6	6	6
U-value in W/m ² .C°	1.8	1.5	1.4	1.4
Allowable load on 1m ² in kg / m ² (width 1200 mm - 2 supports in length)	75	90	105	105
Light Transmission (NF 38-511)				
Clear	60%	57%	57%	56%
Opal 3B	40%	41%	44%	44%
Bronze	25%	15%	16%	16%
Cool white	37%	36%	34%	34%
Super cool White	45%	44%	42%	41%
Solar Transmission				
Cool white	34%	30%	29%	29%
Super cool White	40%	36%	35%	35%
Solar ratio *				
Cool white	1.09	1.20	1.17	1.17
Super cool White	1.12	1.22	1.20	1.17

* The higher solar ratio (LT/ST) is, the more efficient - in terms of heat reflection - the sheets are .

For more technical information please visit our website www.barloplastics.com or mail to info@barloplastics.com