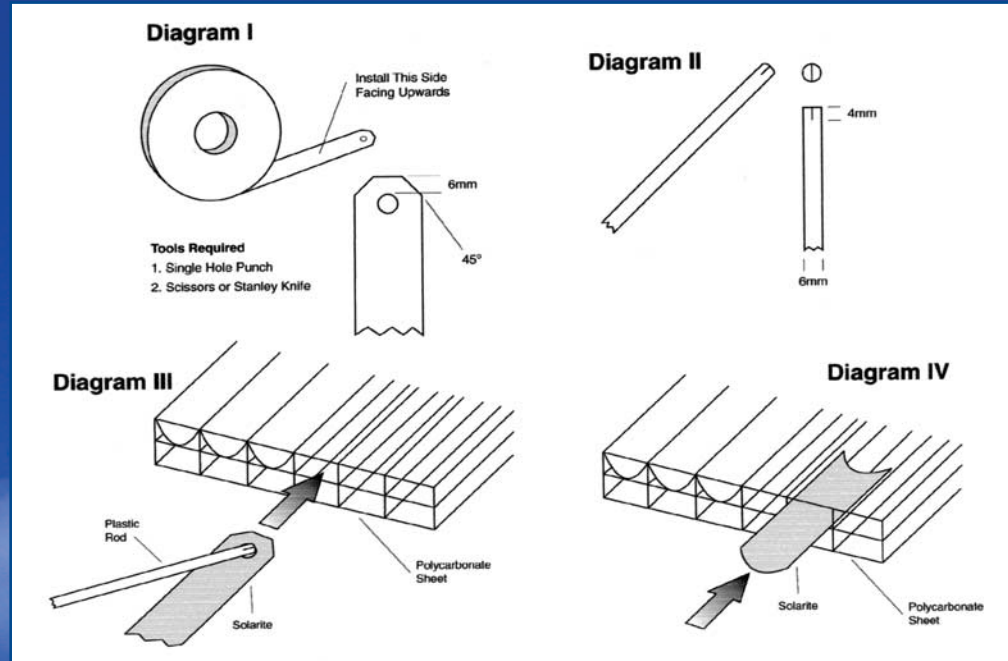
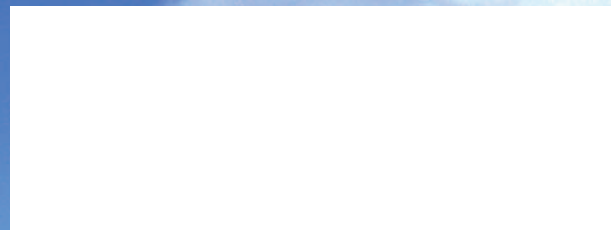


# INSTALLATION DIAGRAMS FOR SOLARITE



A  
WHOLE WORLD OF  
SELF-ADHESIVE  
TAPES



# Solarite...



...the neat and simple solution to solar heat gain

## COMFORTABLE SURROUNDINGS

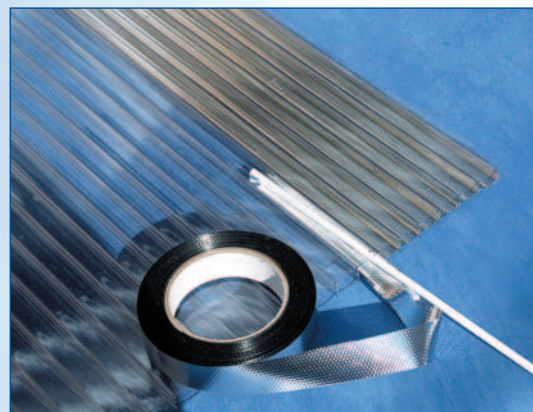
Gone are the days when a conservatory was seen as an occasional room for summer use. Today we all use them as additional rooms in every season of the year.

Fitting SOLARITE to your roof allows just that, combining effective winter insulation with solar heat gain control in the summer.



## GLARE AND SOLAR ENERGY CONTROL

Once fitted SOLARITE is maintenance free. Unlike blinds it needs no cleaning, will not fade, will not gather dust, requires no aftercare. In excess of 80% of solar energy is dissipated back into the atmosphere reducing glare and heat build up during the hotter months. In winter it acts as a 'Thermal Blanket' reducing heat loss through the roof from radiated heat lowering fuel costs.



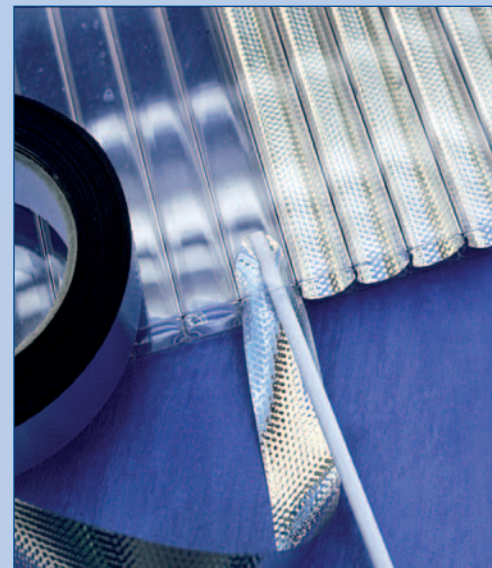
## FIT AND FORGET

Because SOLARITE is fitted within the polycarbonate it allows the roof line to be maintained, preventing the enclosed feel blinds can give, particularly in smaller installations.

It has the added benefit of increasing the life of the polycarbonate - reducing yellowing - keeping your conservatory in good condition for longer.

## SOLARITE

- ✓ Can reduce temperature inside conservatory by up to 25°C
- ✓ Reflects solar energy
- ✓ More effective than blinds, heat still gets through roofing and into conservatory with blinds
- ✓ Cleaner than blinds, no dust traps - cheaper than blinds
- ✓ Easy to fit, no major disruption, then fitted for good
- ✓ Reduces UV rays, the major cause of fading
- ✓ Helps retain heat in winter
- ✓ Enjoy your conservatory more often
- ✓ And your plants will be happier



## COLOUR OPTIONS & FILM CHOICE

SOLARITE is available in 4 colours, silver (most popular), gold, blue and green. The film is embossed to allow maximum light penetration without solar heat gain and glare. The problem of shading and hot spots is reduced and the atmosphere and ambience of the conservatory is enhanced. Spectacular effects can be created with the combined colours available.

## STANDARDS AND TESTING

SOLARITE has been tested to ASTM Standards (a worldwide common standard) for strength, shrinkage, moisture vapour transmission and is treated to resist U.V. degradation remaining effective for in excess of 10 years.

To date more than 50,000 square metres of SOLARITE have been fitted without premature ageing occurring.

## INSTALLATION

SOLARITE is fitted within the polycarbonate at the point of manufacture, so once your roof is completed there is no further waiting time to enjoy the benefits of the product. It is there from day one. Talk to your installer about the benefits of SOLARITE and make the right choice today!

## SPECIFICATION

Property	Unit	Test Method	Typical Value
Thickness	Gauge Microns		300±15.0 75±3.8
Tensile Strength	kg/mm <sup>2</sup>	ASTM D-882	21±4
F-5 Value	kg/mm <sup>2</sup>	ASTM D-882	> = 10
Elongation at Break TD	%	ASTM D-882	130±25
Friction Coefficient	u s	ASTM D-1894	0.40±0.10
Haze	%	ASTM D-1003	1.5±0.5
Moisture Vapor	g/100in224hr	ASTM E-96	-
Transmission Rate	g/m224hr	ASTM E-96	-
Density	g/cm <sup>3</sup>	ASTM D-1505	1.396