

Omega Solar Inserts

Today's homeowner wants more from their conservatory. They want to use it all year whatever the weather. However some conservatories become too hot on hot summer days because of solar heat gain (and uncomfortably cool in the winter because of heat loss). This is because up to 80% of the sun's solar energy passes directly through a standard polycarbonate roof creating a 'greenhouse' effect inside, rendering the room too hot for use.

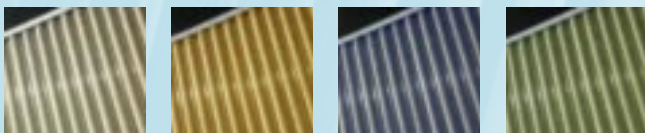
What they Do

Solar inserts with their integral solar protection prevent up to 80% of the sun's solar energy from entering the conservatory through the roof, helping maintain a comfortable internal temperature. The roof will also reduce glare by 80%, further increasing comfort levels. In winter, most of the heat lost escapes through the roof; with a solar inserts roof a large proportion of rising heat is radiated back into the room, helping to maintain a comfortable temperature.



Omega Solar inserts compared to Internal Blinds

System	Solar Heat Rejected	Clarity	Fade Protection	Glare Protection	Winter Insulation	Cleaning & Maintenance
Traditional fabric or pleated blind	17%	Opaque/ Translucent	Some	Some	None	Yes
Pinoleum blind/ internal roof slats	17%	Opaque/ Translucent	Some	Some	None	Yes
Fabric / pleated blinds with reflective back	35%	Opaque	Good	Good	None	Yes
Perforated Foil	45%	Opaque	Good	Good	None	Yes
Metalised blind low E	60%	Opaque	Good	Good	Good	Yes
Omega Solar Inserts	80%+	Clear with tint	Excellent	Good	Excellent	No



Pricing:

The upgrade cost for Solar Inserts pre-fitted in our factory is £28.50 per sqm (added to the cost of chosen polycarbonate sheet)

Prices are exclusive of VAT unless otherwise stated, valid from 01-01-06



RETROFIT KIT AVAILABLE If you want the option to retrofit the solar inserts yourself we can supply a retrofit kit for £9.99 plus the rolls of solar inserts. Please contact our sales office for a quote based on your roof size.

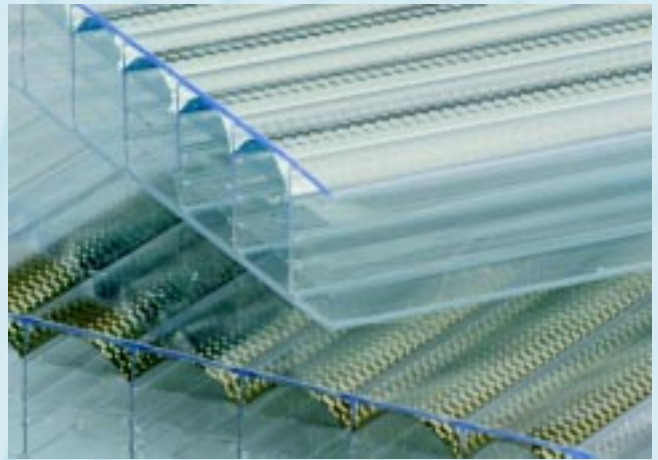


to order, or for further information please contact:

Tel: +44 (0) 1769 574426 Fax: +44 (0) 1769 574459 Email: info@omegabuild.com www.omegabuild.com

Omega Solar Inserts

- Prevents 80% of the sun's solar energy entering through the roof
- Keeps conservatory cool in summer
- Reduces glare through the roof by up to 86%
- Reading and viewing TV is more comfortable
- Allows high levels of light penetration
- Bright airy feel of conservatory retained
- Rejects 99% of harmful UV rays
- Reduces fading of fabrics and furniture
- Reflects radiated heat back into conservatory
- Warmer feel to conservatory in winter
- 10 year guarantee
- Solar protection will last the lifetime of the polycarbonate roof
- Forms an integral part of the conservatory
- Requires no maintenance and no cleaning
- Out performs all other internal blinds
- Outstanding price to performance ratio



Omega Solar Inserts Technical Specification

Product	Polycarbonate Thickness	Weight kg/m ²	U Value	Solar Heat Rejected	UV Rejected	Glare Reduction	Shading Coefficient	Visible Light Transmission
Silver/silver 25	25 mm	3.4	1.5	80%	99%	80%	0.23	14%
Silver/silver 35	35 mm	3.9	1.1	80%	99%	80%	0.23	13%
Silver/blue 25	25 mm	3.4	1.5	80%	99%	80%	0.29	12%
Silver/blue 35	35 mm	3.9	1.1	80%	99%	80%	0.29	11%
Silver/green 25	25 mm	3.4	1.5	80%	99%	80%	0.29	12%
Silver/green 35	35 mm	3.9	1.1	80%	99%	80%	0.29	11%
Gold/gold 25	25 mm	3.4	1.5	85%	99%	87%	0.23	12%
Gold/gold 35	35 mm	3.9	1.1	85%	99%	87%	0.23	11%

(Calculation to CEN European Standard)



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