



Choosing the right high performance roof glass for any conservatory installation is the most important element to ensuring that a conservatory can be used all year round. There are many things to consider including location, temperature control, maintenance, aesthetics and durability.

The Ambience range has been developed with world leading glass manufacturers to ensure that there is a broad choice of specialist glasses available to cater for all tastes. These provide incredible benefits including year round comfort, self-cleaning properties, reduction in energy bills and beautiful visual options to suit any property style.

The Ambience range includes Ambi-Aqua, Ambi-Blue, Ambi-Neutral, Ambi-bronze and Ambi-Satin Privacy glass roof options.

o New brand
o New tints
o Recognised
quality

These exciting new products now enable any conservatory owner to personalize their new, or existing, conservatory with stunning high performance glass, making it a place of complete comfort and relaxation.





Self cleaning Classic aqua tint Excellent solar control

Ambi-Aqua is a superior glass roof product in the Ambience range with exceptional heat reflection capabilities. This highperformance glass reflects 78% of the sun's heat, reducing the internal temperature of a conservatory, particularly with a south facing aspect, by up to 9°C during the hottest summer months.

Ambi-Aqua also provides greater glare reduction, thanks to its visually stunning aqua tint.

In respect of innovation and style, Ambi-aqua is the most modern and reliable glass roof option that can offer year round surroundings to live in.



Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Aqua/Low E	1.0	82%	30%	✓
Aqua/Low E	1.2	76%	33%	✓
Aqua/Clear	2.7	71%	34%	✓

Self-cleaning Sky blue light Cool interior tones

As its name suggests the Ambi-Blue glass roof option comes in a delicate blue tint and offers up to 60% reflection from the sun's heat rays, reducing the internal temperature of a conservatory in summer for easy all year round living.

There are many advantages to installing this beautifully coloured roof glass including a 53% reduction from the sun's glare which protects furniture and fabrics from fading.

As with the majority of glass within the Ambience range, Ambi-Blue is a self-cleaning glass, making this a striking option for any conservatory installation.



Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Blue/Low E	1.2	60%	47%	✓
Blue/Clear	2.7	52%	52%	✓

Self cleaning

Soft neutral tone

U-values as low as 1.2

For those who prefer more neutral tones in their conservatory, choosing Ambi-Neutral with the least amount of tint in the range, provides a natural look to the finished room.

The advanced technology of this glass reflects 60% of the sun's heat away from the conservatory. Ambi-Neutral also optimizes thermal insulation during cold winter months, offering homeowners many benefits including reducing the sun's glare by 63%.

As with the majority of products in the Ambience range, Ambi-Neutral is a self-cleaning glass.



Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Neutral/Low E	1.2	60%	37%	✓
Neutral/Clear	2.7	53%	45%	✓

Self-cleaning New colour tint Efficient Low-E control

With so many dynamic colours in conservatory design, Ambi-Bronze has been developed to ensure that this attractive tinted roof glass will match most modern conservatory colours.

As with other products in the Ambience range, Ambi-Bronze comes with high quality guarantees and provides up to 55% reflection from the sun's heat which helps to reduce temperatures inside the conservatory making it much cooler in use.

The high performance glass provides 62% reduction from the sun's glare and is self-cleaning.



Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Bronze/Low E	1.2	55%	38%	✓
Bronze/Clear	2.7	43%	53%	✓

- Opaque finish
- Privacy assured
- Soft light transmission

For homeowners, whose properties may be overlooked, or who require total privacy in their conservatory without losing any light, Ambi-Satin Privacy provides the ideal solution. This opaque option from the Ambience range provides total seclusion while still allowing 75% of natural light to penetrate the glass, providing high light transmission while still affording maximum privacy.

Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Satin/Low E	1.2	34%	54%	x
Satin/Self-Cleaning	2.7	25%	75%	✓

New larger size single units up to 4000mm... without the need for muntin bars

Manufactured to EN 1279-2-3

With demand increasing for ever larger conservatories so the size of the roof naturally increases accordingly.

One of the key elements in roof size is the limitation of glass unit size. Simply put, the size of a glass roof unit is limited by current technology requiring an extra frame, or muntin bar, to be inserted horizontally as a greater area needs to be glazed. Unfortunately muntin bars themselves introduce potential problems, including the increased likelihood of leaks and are also considered by some consumers to be unsightly.

With the introduction of the Ambience range we are now able to supply glass units to a maximum projection of 4000mm. This increase in roof unit size allows for much larger high performance roofs to be built without the inherent problems associated with traditional muntin bars.


SUPER LENGTH GLASS

Self cleaning Classic blue tint Excellent solar control

Ambi Sunshade Blue is our best performing solar controlled glass to date. With fantastic solar properties of up to 80% solar Heat Reflection 20% greater than our current ambi-blue.

Sunshade blue also provides you with a further reduction in glare, With its aesthetically pleasing visual appearance, whilst keeping its traditional sky blue tint.

Ambi sunshade blue will become Tuffx's most sought after product to date.



Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self-Cleaning
Sunshade/Low E	1.0	80%	27%	✓
Sunshade/Low E	1.2	78%	29%	✓
Sunshade/Clear	2.7	72%	29%	✓

- Q **91% solar heat reflection**
- Q **Exceptional glare reduction**
- Q **Superb UV properties**

A striking ultra dark tinted glass that increases the recreational use of conservatories, especially in strong sunlight conditions.

Market leading solar heat reflection, coupled with exceptional light transmission properties, combine to provide a distinctive, cooler, shaded environment beyond even the best of existing high performance conservatory glass.

As with all products in the ambience range, Ambi-ULTRA is available sizes up to 4000mm.

Specifications

Product	U-Value	Solar heat Reflection	Light Transmission
ULTRA/Low E	1.0	91%	8%
ULTRA/Low E	1.2	89%	9%

- Q **91% solar heat reflection**
- Q **Exceptional glare reduction**
- Q **Superb UV properties**

A striking ultra dark tinted glass that increases the recreational use of conservatories, especially in strong sunlight conditions.

Market leading solar heat reflection, coupled with exceptional light transmission properties, combine to provide a distinctive, cooler, shaded environment beyond even the best of existing high performance conservatory glass.

As with all products in the ambience range, Ambi-ULTRA is available sizes up to 4000mm.

Specifications

Product	U-Value	Solar heat Reflection	Light Transmission
ULTRA/Low E	1.0	91%	8%
ULTRA/Low E	1.2	89%	9%

Triple glazed U-Values as low as 0.7

Ambi-TRIPLE self cleaning glazed roof glass is suitable for all glass in the Ambience range. With centre pane u-values as low as 0.7 some 30% better than the standard double glazed roof glass, allied to enhanced sound reduction & improved solar control.

The 3 panel construction of Ambi-TRIPLE also allows for application of privacy and self-cleaning coatings while retaining the full performance benefits of our Low E product.

Specifications

Product	U-Value	Solar heat Reflection	Light Transmission	Self Cleaning
Sunshade/Low E/Low E	0.7	84%	24%	✓
Aqua/Low E/Low E	0.7	85%	24%	✓
Ultra/Low E/Low E	0.7	94%	6%	✗
Blue/Low E/Low E	0.7	73%	42%	✓
Neutral/Low E/Low E	0.7	76%	33%	✓
Bronze/Low E/Low E	0.7	73%	37%	✓