

# About Window Film

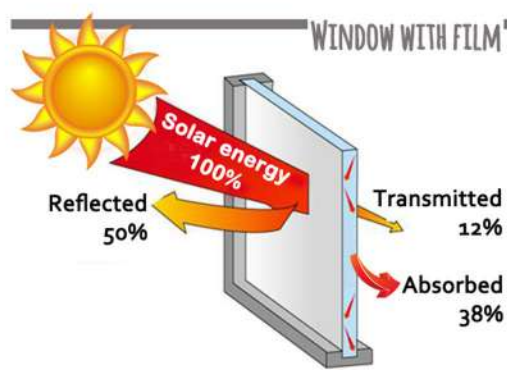
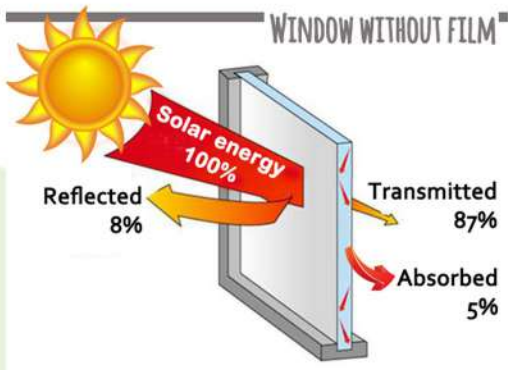


## How does window film provide energy benefits?

Solar control window film reduces air conditioning cooling loads because it:

- Reflects solar energy back outside
- Absorbs and reradiates solar energy back outside

Window film can reduce up to 80% total solar energy, 99% UV radiation and 90% glare, while letting in natural light and not obstructing your view. Through the independent WERS For Film program you can choose a film with a proven energy rating.



Glazing can account for 49% envelope heat loss and 87% envelope heat gain in a building

"Window films are a more cost effective retrofit opportunity for homes than other measures"

*Energy Analysis for Window Films Applications in New & Existing Homes & Offices, IWFA, 2012*

Window film is an inexpensive and immediate solution for home energy efficiency

Window film can reject as much as 80% solar energy - equal to the highest performing glass

According to WFAANZ distributors\*, Low E films can cut up to half heat gain in summer and up to half heat loss in winter

\*Contact WFAANZ for support data

DOE-2 studies show windows with film applied can produce 5-15% savings in annual kwhr demand in warm climates, depending on glass/window type

In most cases window film is retrofit to the interior surface of a window, and is typically only 0.038 mm to 0.040 mm thick

Clean Up Australia claims glass takes 1 million years to break down naturally. With window film you're not sending windows to landfill

## WHAT TO EXPECT

- Inexpensive.**  
Typically costs between \$100 to \$250 per square metre installed, which is much cheaper than new windows
- Attractive.**  
A variety of looks and tints give you complete design control
- Assurance.**  
Films are available in safety and security thicknesses
- Easy.**  
Films can be retrofit quickly, no need to remove the glass from the frame
- Versatile.**  
Suitable for all glass types—windows, doors, skylights, transoms, etc.
- Durability.**  
Modern films are designed to withstand the harsh Australian climate. WFAANZ member products have a minimum seven year warranty and some offer a lifetime warranty on residential applications



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