

KlymetShield™

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Low Emissivity Glass

solos  glass
see the possibilities



Manage your internal environment

With its specialist Low E coating, KlymetShield™ assists in the reduction of solar heat gain in warmer months and the reduction of heat loss in cooler months.

Available as both a single glazed product and as part of an IGU, KlymetShield™ helps to improve the overall solar control and thermal insulation performance of both commercial and residential window suites and reduces the reliance on artificial temperature control to either provide cool air in summer or warm air in winter.

Applications

- Renovations and retrofit glazing
- Windows, doors, atria, rooflights, skylights

Benefits

- Available in single or double glazed
- As single glazed, suitable for most single glazed window frames for both new build and replacement/retrofit in either annealed, toughened or laminated form
- Can be incorporated into a KlymetControl™ IGU for even further enhanced energy efficiency and is suitable for most contemporary aluminium, timber or UPVC double glazed window suites

- Highly durable pyrolytic Low E coating suitable for single glazing
- Range of light and solar heat gain transmissions in combination with the Low E coating ensures that KlymetShield™ is suitable for all climatic conditions
- Can be toughened and laminated to meet the requirements of AS/NZS1288 to ensure suitability for all relevant applications
- Cost effective and readily available energy efficient solution

Made for Australian conditions

KlymetShield™ is a cost effective and readily available range of hard coated, low emissivity, energy efficient glass. It's available in a range of clear, neutral, green and grey tones to match the levels of solar control and natural daylight required to complement the thermal insulation performance of the Low E glass coating.

Available in 4mm, 5mm, 6mm and 10mm* thicknesses as standard, KlymetShield™ is suitable to be single glazed in most domestic and commercial window suites. Available in standard annealed form, KlymetShield™ is also available laminated, toughened and heat soaked to meet the Grade A safety and regulatory requirements of AS/NZ1288 and as such is suitable for a wide range of window and door applications.

In its laminated form, KlymetShield™ offers improved levels of heat insulation over both clear and toned single glazed glass whilst providing excellent levels of solar control, low reflection and reduced transmission of harmful UV rays, limiting the fading of furnishings. KlymetShield™ Laminated is also a Grade A safety glass to AS/ NZ1288.

Perfect for meeting the Energy and Thermal Comfort elements of the BASIX compliance requirements in NSW, KlymetShield™ is being used more and more as one pane of a KlymetControl™ IGU to further improve the overall energy efficiency properties of both the glass itself and the overall window system.

*Available in KlymetShield™ clear only.





For additional product details and warranty information please visit our website.

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