

ACHIEVING 7-STAR energy efficiency.

WINDOW AND DOOR SPECIFICATION IN A COOLING CLIMATE.

TREND
WINDOWS & DOORS



ENERGY EFFICIENCY REDEFINED.

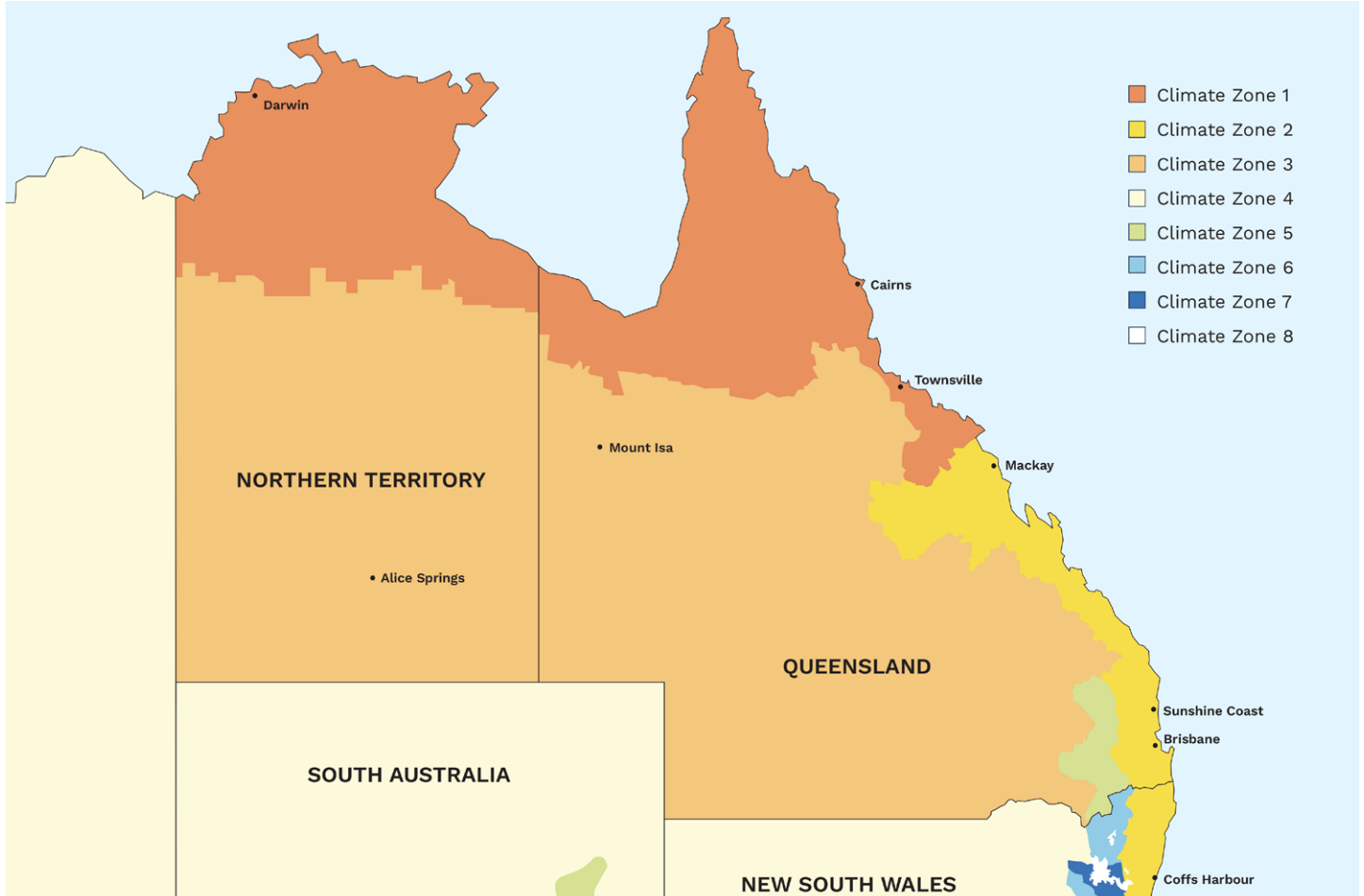
Since May 1, 2024, new homes and building permits in Australia must meet a 7-star energy efficiency rating under the updated NCC 2022 standards. At Trend, we are dedicated to offering solutions tailored to your climate zone, compliance needs, and budget. Making it easy to specify smarter and meet 7-star standards without compromising design or efficiency.

In hot conditions buildings gain up to 87% of heat through glass and windows.

Queensland has multiple climate zones, ranging from zones 1 to 5. Most of Queensland's population (~70%) lives in metropolitan centres across the Southeast of the state. These areas fall within climate zone 2 (Subtropical), which is primarily a cooling climate.

In cooling climates, choosing energy-efficient windows and doors is essential to reduce heat gain and improve indoor comfort. The U-value measures how well a window resists heat transfer; lower values mean better insulation, which helps limit outdoor heat entering the space. More critical in cooling climates is the Solar Heat Gain Coefficient (SHGC), which indicates how much solar radiation passes through glazing. A low SHGC is ideal for blocking unwanted solar heat. For best performance in cooling climates, windows and glazed doors should have low SHGC and reasonably low U-values to reduce cooling loads and save energy.

The most effective windows for energy efficiency performance will change depending on where you live. Our team helps customers every day achieve the right combination of energy efficiency technologies for their climate, budget and project goals.



The above map highlights the different climate zones you'll find throughout Queensland. Source abcb.gov.au

SOLUTIONS PURPOSE-BUILT FOR COOLING CLIMATES.

Performance is key when choosing glass, but other things like cost, window colour and lead times are also important. That's why our team can recommend a specific glass type that helps you meet 7-star compliance, offers good value and can be delivered quickly. We'll work with you to configure other glass options if needed.

Scalable performance

Combine either 'Clear' or 'Neutral' Low-E coatings to your single glazed windows to reduce heat transfer and achieve increasing energy performance in your home.

Advanced solutions

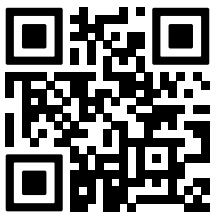
For the best performance and durability, Double Glazing with a Soft Coat Low-E coating achieves higher Visible Light Transition (VLT) so you can continue to enjoy the benefits of natural light with industry-leading energy savings.



Dive deeper into the numbers

Discover the full performance ratings of our product range below.

WERS Code	Product Series	Option	Glass Type	Uv	SHGC	Reduction in SHGC %
Residential Awning Window						
TND-002-002	Synergy	-	Clear	6.5	0.65	-
TND-002-TBA	Synergy	Good	Low E Clear	5.1	0.57	13%
TND-002-TBA	Synergy	Better	Low E Neutral	5.0	0.43	34%
TND-002-TBA	Synergy	Best	Low E - DG	3.2	0.33	49%
Residential Fixed Window						
TND-003-033	Synergy	-	Clear	5.9	0.78	-
TND-003-032	Synergy	Good	Low E Clear	4.0	0.66	15%
TND-003-TBA	Synergy	Better	Low E Neutral	4.0	0.48	38%
TND-003-TBA	Synergy	Best	Low E - DG	2.2	0.38	51%
Residential Sliding Window						
TND-001-002	Synergy	-	Clear	6.5	0.72	-
TND-001-303	Synergy	Good	Low E Clear	4.8	0.62	14%
TND-001-TBA	Synergy	Better	Low E Neutral	4.7	0.46	36%
TND-001-TBA	Synergy	Best	Low E - DG	3.2	0.33	54%
Residential Sliding Door						
TND-017-001	Synergy	-	Clear	6.4	0.73	-
TND-017-TBA	Synergy	Good	Low E Clear	4.5	0.63	14%
TND-017-TBA	Synergy	Better	Low E Neutral	4.4	0.46	37%
TND-017-TBA	Synergy	Best	Low E - DG	2.8	0.34	54%
Architectural Awning Window						
TND-059-002	Quantum	-	Clear	6.7	0.56	-
TND-059-032	Quantum	Good	Low E Clear	5.7	0.49	13%
TND-059-TBA	Quantum	Better	Low E Neutral	5.6	0.37	34%
TND-060-TBA	Quantum	Best	Low E - DG	3.8	0.28	49%
Architectural Sliding Window						
TND-078-002	Quantum	-	Clear	6.7	0.67	-
TND-078-031	Quantum	Good	Low E Clear	5.2	0.58	13%
TND-078-TBA	Quantum	Better	Low E Neutral	5.2	0.43	36%
TND-079-TBA	Quantum	Best	Low E - DG	3.3	0.34	50%
Architectural Fixed Window						
TND-024-001	Quantum	-	Clear	6.2	0.75	-
TND-024-006	Quantum	Good	Low E Clear	4.4	0.65	13%
TND-024-TBA	Quantum	Better	Low E Neutral	4.3	0.48	36%
TND-031-TBA	Quantum	Best	Low E - DG	2.3	0.38	50%



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