Detailed Specifications	Glavenir 6.1mm Thermal Annealed	Glavenir 6.1mm Superclear Annealed	Glavenir 8.1 mm Superclear Toughened
Availability	Yes	Yes	Yes
Thickness	6.1mm	6.1mm	8.1mm
Structure	LowE3+V0.1+FL3 (LowE-vacuum-float)	LowE3+V0.1+FL3 (LowE-vacuum-float)	LowE4T+V0.1+FL4T (LowE-vacuum-float with both panes toughened)
Solid lead free edge seal	Yes (not rubber)	Yes (not rubber)	Yes (not rubber)
Edge seal depth	Approx 4 mm	Approx 4 mm	Approx 4 mm
Min depth of rebate	10 mm	10 mm	10 mm
Max dimensions	2300mm x 1300mm	2300mm x 1300mm	2540mm x 1600mm
Min dimensions	150mm x 150mm	150mm x 150mm	200mm x 500mm
Min cut charge	0.30m^2	0.30m^2	0.30m^2
Complex Cut	TBA - not available at present	TBA - not available at present	TBA - not available at present
U-Value (W/m2K)[1]	0.7	0.9	0.58
Visible light transmission	75%	79%	81%
SHGC[1]	0.39	0.57	0.52
Sound Reduction (Rw(C;Ctr)dB)	35 (-2;-5)	35 (-2;-5)	36 (-2;-5)
Pillar spacing[2]	20mm	20mm	40mm
Evacuation port	No	No	Yes - flat (10mm diam.)
Grade A Safety	No	No	Yes - tested in Australia to AS2208
Bushfire Attack Level rating for NEW windows	BAL Low (glass in doors and windows)	BAL Low (glass in doors and windows)	BAL 12.5 (glass in doors and windows)
Bushfire Attack Level (BAL) rating for retrofit windows	Can replace existing glass in existing buildings provided a BAL upgrade is not requested. Ensure Grade A Safety glass requirements are met.	Can replace existing glass in existing buildings provided a BAL upgrade is not requested. Ensure Grade A Safety glass requirements are met.	Can replace existing glass in existing buildings provided a BAL upgrade is not requested. Ensure Grade A Safety glass requirements are met.
Wind Span[3] Region A4 Tas N2 Region A5 Vic N2	Depends on span size measurements refer to AS1288 (2006). Regional and site specific details are the responsibility of the owner/specifier.	Depends on span size measurements refer to AS1288 (2006). Regional and site specific details are the responsibility of the owner/specifier.	Depends on span size measurements refer to AS1288 (2006). Regional and site specific details are the responsibility of the owner/specifier.
Max Area (Wind for Tas & Vic)[3]	up to 3.6M^2	up to 3.6M^2	up to 4.5M^2
Suitable for overhead skylight	No	No	When laminated glass used facing outside as hybrid in the frame
Use of laminated layers	Only clear layers can be applied by an approved supplier e.g. safety layer to meet AS1288 (2006). Do NOT apply a tint/privacy layer.	Only clear layers can be applied by an approved supplier e.g. safety layer to meet AS1288 (2006). Do NOT apply a tint/privacy layer.	Do NOT apply a tint/ privacy layer.
Roller Effect	Minimal - Panasonic in house IP process	Minimal - Panasonic in house IP process	Minimal - Panasonic in house IP process
QR Code ID	Yes - etched unique identifier for warranty	Yes - etched unique identifier for warranty	Yes - etched unique identifier for warranty
Warranty	10 yrs by Panasonic	10 yrs by Panasonic	10 yrs by Panasonic

Notes:

Glavenir must be installed to AS1288(2006).

[2] Support pillars may be slightly misplaced or missing. This does not compromise the performance, integrity or the aesthetics (under normal observations).

[3] Tas and Vic - Ultimate Regional Wind Speed 162 Klm/hr, Importance Level 2, Design Wind Speed 154 klm/hr or 43 m/s ULS, Wind Class N2, Wind Load on glass 1400 N/m2 (Pa). Regional and site specific details are the responsibility of the owner/specifier.

[1] Referring to ISO9050 (JIS R3106-1998)

Detailed Specifications	Glavenir 6.1mm Thermal Annealed	Glavenir 6.1mm Superclear Annealed	Glavenir 8.1 mm Superclear Toughened
Thickness	6.1mm	6.1mm	8.1mm
Structure	LowE3+V0.1+FL3	LowE3+V0.1+FL3	LowE4T+V0.1+FL4T (both panes toughened)
Max dimensions	2300mm x 1300mm	2300mm x 1300mm	2540mm x 1600mm
Min dimensions	150mm x 150mm	150mm x 150mm	200mm x 500mm
Min cut charge	0.30m²	0.30m²	0.30m²
U-Value (W/m2K)*	0.7	0.9	0.58
Visible light transmission	75%	79%	81%
SHGC*	0.39	0.57	0.52
Sound Reduction (Rw(C;Ctr)dB)	35 (-2;-5)	35 (-2;-5)	36 (-2;-5)
Tested in Aust. to AS2208	No	No	Yes

* referring to ISO 9050(JIS R3106-1998)