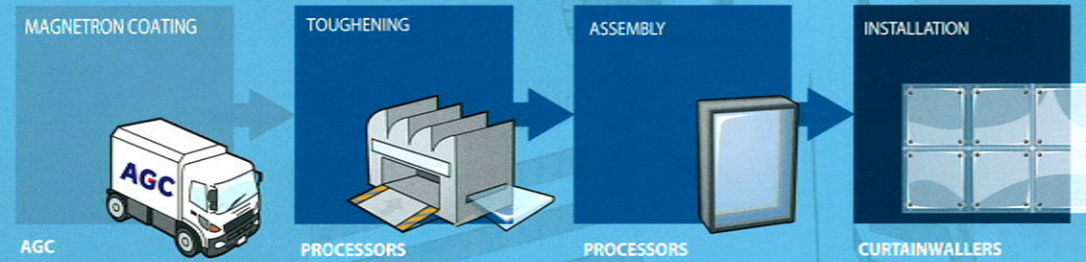


With its *Temperable* product range, AGC is meeting the expectations of its processors, at the same time, responding to changes in architectural challenges.

## BENEFITS

- Local Fabrication means increased competitiveness through faster response.
- Processors are able to deliver in smaller quantities for small projects.
- Able to achieve shorter lead-time for mock up & replacement.
- Enhance processors own product portfolio by increasing their product range.



## PROCESSING

- The coating is able to withstand long storage with proper warehouse conditions. However, we recommend glass to be processed within 6 months after arrival so as to maintain its "freshness".
- As the glass can be tempered and laminated, we advise processors to be careful on the handling especially the coated side.
- As a guide, the temperature of the glass itself should not exceed 680 °C.
- A copy of processing guide is available upon request.

## TECHNICAL DATA

Color	Code	[mm]	Light Transmittance	Light Reflectance (out)	Light Reflectance (in)	Direct Energy Transmittance	Energy Reflectance (out)	Energy Absorption	UV Transmittance	Solar Factor	Shading Coefficient	U value Summer W/(m <sup>2</sup> .K)	U value Winter W/(m <sup>2</sup> .K)	Relative Heat Gain W/m <sup>2</sup>
Clear	T-SS108	6	11	39	38	9	33	58	9	0.21	0.24	4.47	4.64	186
	T-SS114	6	15	32	36	13	27	60	12	0.25	0.29	4.65	4.78	219
	T-SS120	6	21	24	31	19	20	61	18	0.32	0.36	4.85	4.94	265
	T-SS130	6	30	18	23	24	13	63	29	0.38	0.44	5.16	5.20	316
Green	T-SS208	6	8	30	40	5	17	78	3	0.20	0.23	4.52	4.55	180
	T-SS214	6	11	25	38	7	15	78	4	0.23	0.27	4.70	4.70	207
	T-SS220	6	18	18	30	12	11	77	7	0.29	0.33	4.97	4.94	247
Blue	T-SS508	6	6	20	40	4	15	80	3	0.21	0.24	4.58	4.58	187
	T-SS514	6	11	16	35	8	12	80	6	0.25	0.29	4.79	4.76	220
	T-SS520	6	13	14	32	10	11	79	7	0.28	0.32	4.99	4.94	241

### Remarks:

- All values are in percentage except U and RHG.
- Thermal performance values calculated based on ASHRAE conditions.
- The value and performance data shown in the table is test results and not performance guarantees.

## AVAILABILITY

- Substrate : Clear, Green & Blue
- Standard Size : Clear & Green: 120" x 84" and 144" x 96"  
Blue: 126" x 84" and 126" x 89"
- Standard Thickness : 6mm, 8mm

\*Please contact manufacturer for non standard thickness and size.



Anticipating developments in the glass sector where performance and cost are important issues, more processors are looking for high-performance glass that can be toughened on site.

Improvement in the logistics chain is crucial where flexibility to react to unforeseen circumstances in any project is vital. High Performance Coated products that can be stored would enable processors to provide their clients with better services: rapid turnaround and the ability to deliver smaller quantities and replacements.

All this would result in saving of time, money and higher efficiency at all levels.

# T-Sunlux

Temperable Magnetron  
High-performance Reflective

Following this development, AGC has developed a revolutionary soft coat that can be tempered. Using the latest in-house technology, T-Sunlux was developed to withstand the test of time, before and after tempering.

T-Sunlux is a magnetron-coated product that yields excellent solar and thermal performance. The product has strong and durable coating, which means that they are able to undergo toughening without compromising its appearance.



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Environment – It's our responsibility