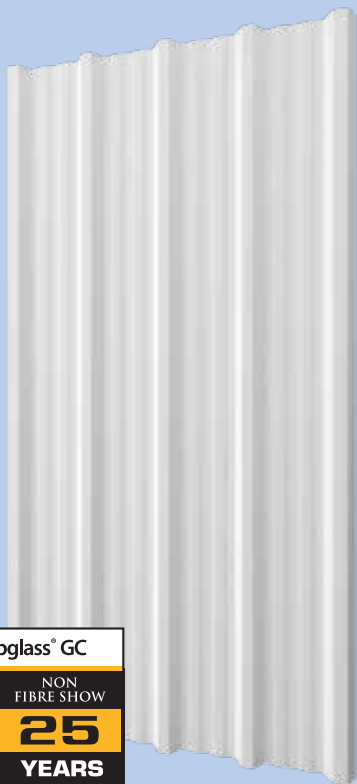




# LONG LASTING

NATURAL ROOF LIGHTING-HIGH  
RESISTANCE AGAINST WEATHERING  
AND SOLAR DETERIORATION



WARRANTY			Topglass® GC		
WATER PENETRATION	LIGHT TRANSMISSION	NON FIBRE SHOW	30	25	25
YEARS	YEARS	YEARS			

- Heavy duty 100 microns Climatex Gel Coating with 30 microns uvic<sup>+</sup> coating
- Climatex Gel Coating offers long lasting colour
- Ultimate UV Absorber by Uvas<sup>+</sup> new generation nano Nano UV Absorber
- 30 Years warranty





## Company Profile

Inno-Cons Co., Ltd. in Thailand has been a market leader in supplying roofing products to the construction market since its inception more than 25 years ago. Through our dedication in Innovation of Products, Sales & Marketing, Services and Quality, Inno-Cons strive to always bring values and the latest in construction technology to our customers.

This gave birth to I-Cons Asia Co., Ltd. almost 15 years ago when we searched to lift the quality of translucent roofing products throughout Asia and found by adopting the very latest in FRP manufacturing technology with our ultra-modern Thailand Manufacturing facility in Rayong.

As a result of this significant investment, our company had assumed a market leading position of manufacturing and supplying Topglass® Natural Lighting products using our proprietary resin and weather surface coating systems, bringing improved translucent sheeting products and warranties to our customers within the global arena.

I-Cons Asia Co Ltd takes particular pride in its JAS-ANZ Certification under the Benchmark Certification scheme. Recognised in over 90 countries and providing security in every respect to customers, JAS-ANZ certification not only guarantees accurate systems process, and unlike other Quality Standard schemes, JAS-ANZ Certification also has the added advantage of ensuring our customers always receive consistent and monitored quality product, legally certified to AS/NZS 4256. Parts 3.

## Background

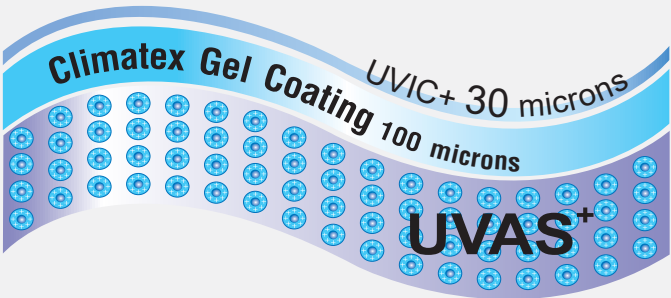
It is a well-known fact that FRP roofing sheets has 2 underlying issues

- Colour changes resulting in yellowing quickly
- Surface Failure (fibre release from the surface) Both the above results in lowering of light transmission over time



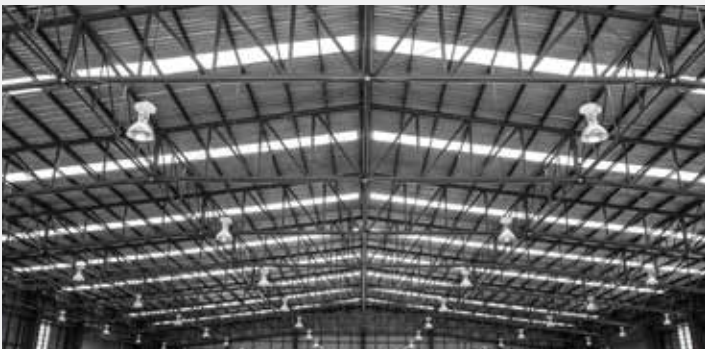
## Topglass GC

Topglass GC is the top Product of all the Topglass natural lighting family of Products, utilizing an innovative manufacturing process developed by I-Cons Asia Co., Ltd. whereby Climatex Gel Coating 100 micron gelcoat exclusively developed for Topglass is applied to the weather surface of the sheeting. Having 100 microns thick coating offers exceptional resistance against corrosive atmospheres, and providing protection against solar deterioration that will result in glass fiber showing.

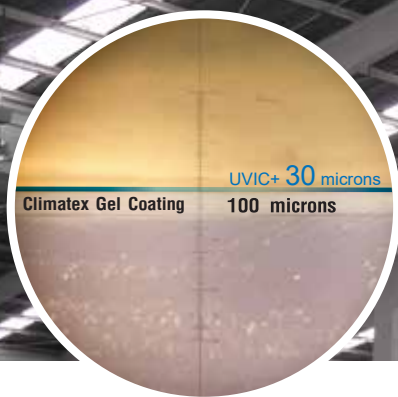


## Key Benefits

- Heavy duty 100 micron\* Climatex Gel Coated surface provides a longer life light transmission and prevent glass showing;
- Climatex Gel Coating surface, which is reactive thermo-set to provide high gloss surface.
- Topglass GC, which is manufactured to meet the requirements of AS 4256:3.2006; resist UV degradation and yellowing much longer than is commonly experienced with general purpose grade translucent roofing products;
- Topglass GC can be supplied in a variety of pigments and can be supplied as Topglass GC SPF. This innovative gelcoat additive provides excellent UVA and UVB block and offers exceptional heat and light data (refer individual bruchure);







PROJECT REF.



## Product

VISIBLE LIGHT AND SOLAR TRANSMISSION		
WEIGHT & THICKNESS		2400 GSM (1.5 mm)
Product	%Diffuse Light Transmission (AS/NZS 4257.4) Tolerance $\pm 3$	%Solar Transmittance (ISO 9050) Tolerance $\pm 3$
CLEAR	71%	71%
IVORY	54%	40%
COOL WHITE	38%	11%

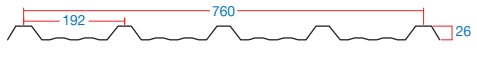



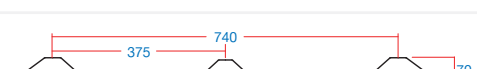




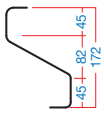
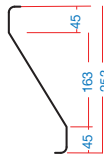
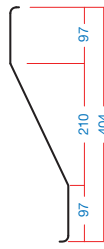

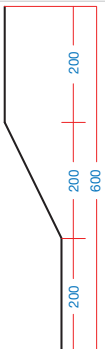
Solar Energy Performance				
Product	ASHRAE Fundamentals.		ISO 9050	AS/NZS 4257.4
	Shading Coefficient Tolerance $\pm 0.02$	Solar Heat Gain Coefficient Tolerance $\pm 0.02$	%Visible Light Transmittance Tolerance $\pm 3$	%Diffuse Light Transmission Tolerance $\pm 3$
TOPGLASS GC COOL WHITE	0.20	0.17	8.9	38

## Certifications



WARRANTY Topglass® GC		
WATER PENETRATION	LIGHT TRANSMISSION	NON FIBRE SHOW
<b>30 YEARS</b>	<b>25 YEARS</b>	<b>25 YEARS</b>



Load Span Capabilities		คิดที่การรับน้ำหนัก (แรงลม 1.5 kPa) ระยะห่างแป (Span Distance)		Curved roofing minimum Drape curve radius (mm.) รัศมีดัดโค้งที่ดัดได้ (มิลลิเมตร)	
Grade Sheet thickness Profile (to match)		1800g/m2 1.2 mm	2400g/m2 1.5 mm	1800g/m2 1.2 mm	2400g/m2 1.5 mm
WMI 24-760 SS		1200 mm	1500 mm	9000	9000
WMI 38-750 S		1200 mm	1500 mm		18000
KL700		1200 mm	1500 mm		18000
TD65DS		1200 mm	1500 mm		25000
WMI 60-750		1200 mm	1500 mm		25000
SPU 50-740		1200 mm	1500 mm		20000
V650 JJ			1800 mm		45000
MKS700P			1800 mm		30000
ZIDEK 400			1800 mm		60000
					
Louver 200		Louver 300		Louver 400 Type2	
					
Louver Max		Louver 60-120			

For all other profiles contact I-Cons Asia Co., Ltd.

Your distributor is :

I-Cons Asia Co., Ltd. Utilises test bed facilities in providing Load Span capability information with tests carried out to replicate design loadings in excess of 2.0 kPa. Due to the vast amount of roofing profiles available worldwide, in some cases extrapolation is used to provide spanning capabilities. The information contained in the chart is relative to intermediate purlins only and where the translucent roof sheet is used in single runs and supported by the metal roofing and cladding at each side lap. Profile spanning can be increased by installing a mid span support, and/or increasing the weight/thickness of the sheet. It is important that purlins spacing be reduced for curved structures, and Inno-cons (Thailand) Co., Ltd. should be consulted for specific design information. NB. Kliplok®, Trimdek® and Spandek® are registered Trademarks of Bluescope Steel Limited.



**Inno-cons (Thailand) Co., Ltd.**

78 moo7 klongluang District,  
Pathumthani Province,  
Thailand. 12120  
Telephone: (66) 2 524 0778  
Fax: (66) 2 524 2085  
Email: info@topglass-frp.com  
Website: www.topglass-frp.com