



# Topclad™ GC

HEAVY DUTY,  
CORROSION RESISTANT,  
SOLID-COLOURED ROOFING AND  
CLADDING SYSTEM



- Aesthetically identical to all metal roof sheetings
- No reaction to all construction material
- Unaffected by solvents including hydrocarbons
- Resist most acids and alkalis
- Climatex Gel Coating 100 microns coating thickness  
life time non-fibre surfacing
- 30 years warranty

<b>WARRANTY</b> // Topclad™ GC	
WATER PENETRATION	NON FIBRE SHOW
<b>30</b>	<b>25</b>
<b>YEARS</b>	<b>YEARS</b>





## 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 1 and 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 Topclad

In highly corrosive industrial sites and areas of high salt and contamination, any paint coatings on roofing and cladding such as aluminium and steel may not perform as expected. To address these concerns, we manufacture a unique solid-coloured heavy duty roofing and cladding material utilising advanced FRP technology to formulate a corrosive resistant cladding system for use as an innovative replacement for traditional materials. This is our Topglass GC Topclad.

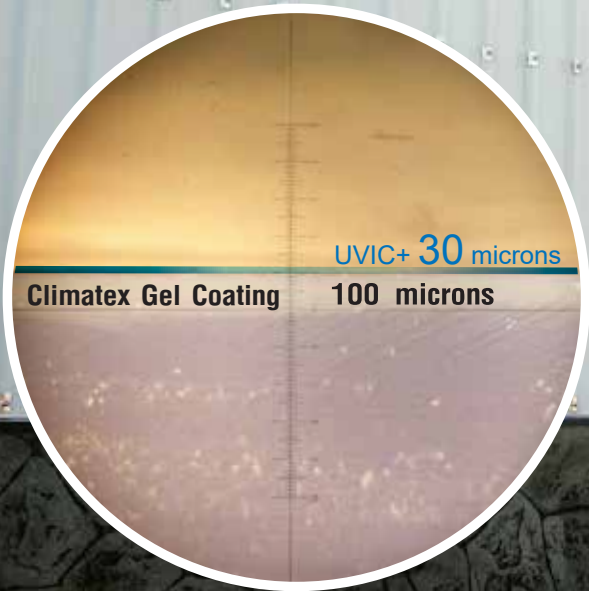
## Applications

- Fertilizers buildings
- Power plants
- Petroleum and Chemical Plants
- Galvanizing Plants
- Acid Plants and Smelters
- Effluent tank cladding;
- Extreme marine environments;
- Buildings in geothermal areas;

## Key Benefits

- The surface coatings and substrate used in the manufacture of Topglass GC Topclad have been designed specifically to withstand most corrosive atmospheres.
- Has on known reaction with any construction materials and unaffected by solvents including hydrocarbons and has ability in resisting to most acids and alkalis.
- Topglass GC Topclad is solid-coloured to match modern roof colours (Subject to pigment availability) this is achieved by applying a 100 micron\* gel-coat layer to the FRP sheeting substrate.
- Advanced technology associated with the Inno-cons Gel-coat manufacturing process allows different solid colour pigmentation to be applied to each side of the sheet, particularly important where the underside of the sheet is not covered by a membrane.
- Available to match a wide range of roof profiles including flat sheet.
- Lightweight cladding for easy handling and installation.
- Reduces solar heat transmission.

PROJECT REF.



## Weight/Thickness of sheeting

The standard weight for Topclad™ GC is 2800g/m<sup>2</sup> (1.9 mm)  
Other weights up to 3660g/m<sup>2</sup> (2.5 mm) are available subject to minimum order.

## Certifications

TIS 612 - 2549



AS/NZS 4256.3 : 2006



ISO 9001 : 2015



**WARRANTY** Topclad™ GC

WATER PENETRATION

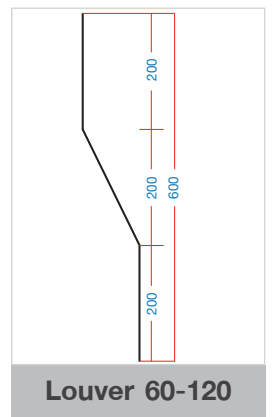
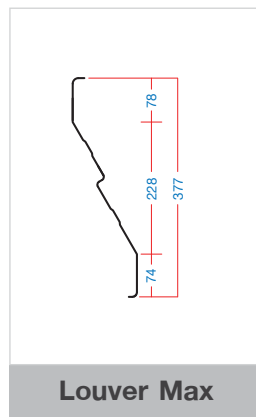
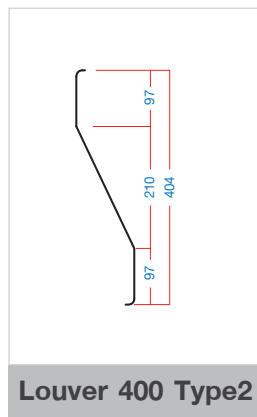
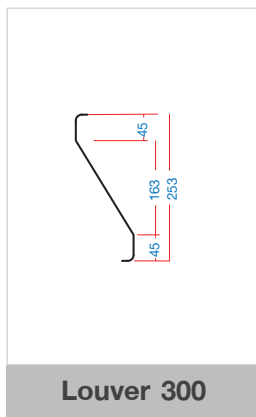
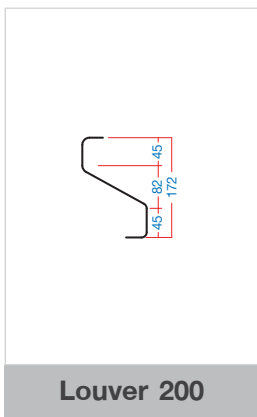
**30**  
YEARS

NON FIBRE SHOW

**25**  
YEARS



Load Span Capabilities		คิดที่การรับน้ำหนัก (แรงลม 1.5 kPa) ระยะห่างแป (Span Distance)		Curved roofing minimum Drape curve radius (mm.) รัศมีคดโค้งที่ติดตั้ง (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



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.**

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