



**Topglass® Ultima**

# FIBRE

REINFORCED PLASTIC  
TRANSLUSCENT ROOFING



WARRANTY // Topglass® Ultima		
LIGHT TRANSMISSION	WATER PENETRATION	NON FIBRE SHOW
<b>20</b>	<b>25</b>	<b>6</b>
YEARS	YEARS	YEARS

- A result of 5 years development by Inno-cons R&D Centre for Asia environment
- Ultimate Surface Protection by UVIC<sup>+</sup> 50% increase in coating thickness
- Ultimate UV Absorber by UVAS<sup>+</sup> new generation nano ultra-violet absorber
- Ultimate light transmission and delay in colour chang





## 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



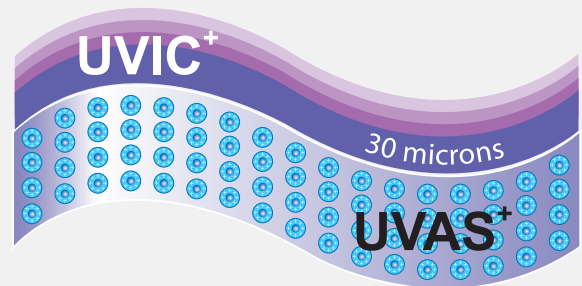
## Our Solution

### Ultraviolet Impeding Coating Plus - UVIC<sup>+</sup>

UVIC<sup>+</sup> is tougher and thicker coating from the original UVIC featuring an increase in thickness of 50% to 30 microns

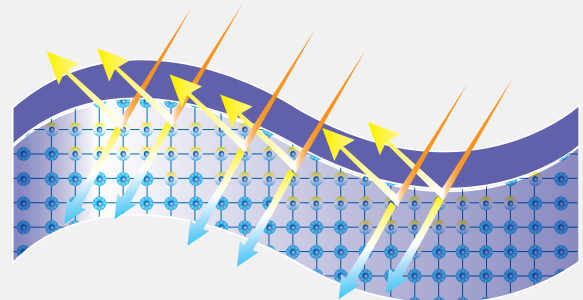
#### Advantages and Benefits of these new features are:

- Full UV Protection - ultimate protection of property and people
- Non-delamination of coating - full cure of the product result in permanent lamination of the UVIC<sup>+</sup> throughout it's life time
- A 50% increase in Surface Protection thickness - result in a tougher and longer lasting surface protection of the product and also delay in colour change



### Ultraviolet Absorber Stabilizer Plus - UVIS<sup>+</sup>

UVIS<sup>+</sup> is a new breakthrough where it is now able to pack more UV absorber into resin through nano technology reducing the size of each absorber causing it to cross-link allowing more UV Being absorbed and less UV being pass through.



#### Advantages and Benefits of these new features are:

- Higher absorption of UV - slows down changes in of product
- Increase light transmission lifespan - more light for the property





## Product

### VISIBLE LIGHT AND SOLAR TRANSMISSION

Weight	Ultra White		Opal		Clear Green		Jade Green		Alsynite Green		Blue Sky Clear		Pool Blue	
	Light	Solar	Light	Solar	Light	Solar	Light	Solar	Light	Solar	Light	Solar	Light	Solar
1800g/m <sup>2</sup> (1.2 mm)	54%	45%	59%	53%	78%	72%	64%	56%	23%	33%	64%	73%	23%	38%
2400g/m <sup>2</sup> (1.5 mm)	50%	38%	55%	45%	75%	69%	62%	53%	20%	29%	60%	69%	20%	35%
Colour														

## Certifications

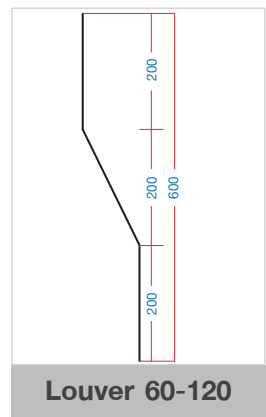
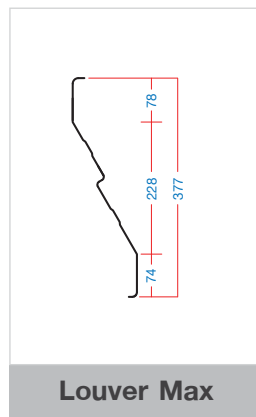
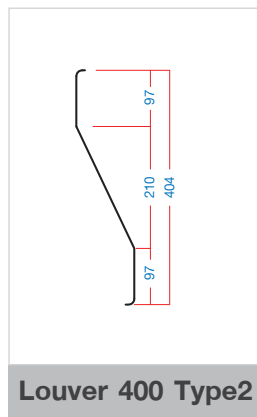
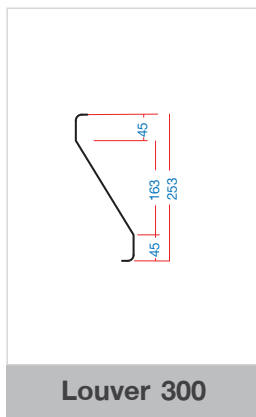
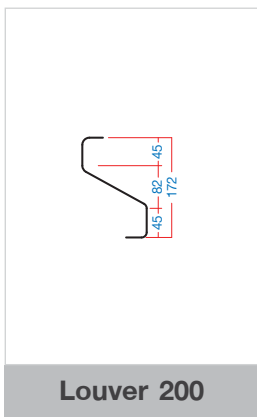


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Load Span Capabilities		คิดที่การรับน้ำหนัก (แรงลม 1.5 kPa) ระยะห่างแป (Span Distance)		Curved roofing minimum Drape curve radius (mm.) รัศมีคดโค้งที่ติดตั้ง (มิลลิเมตร)	
Grade Sheet thickness Profile (to match)		1800g/m2 1.2 mm	2400g/m2 1.5 mm	1800g/m2 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.



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