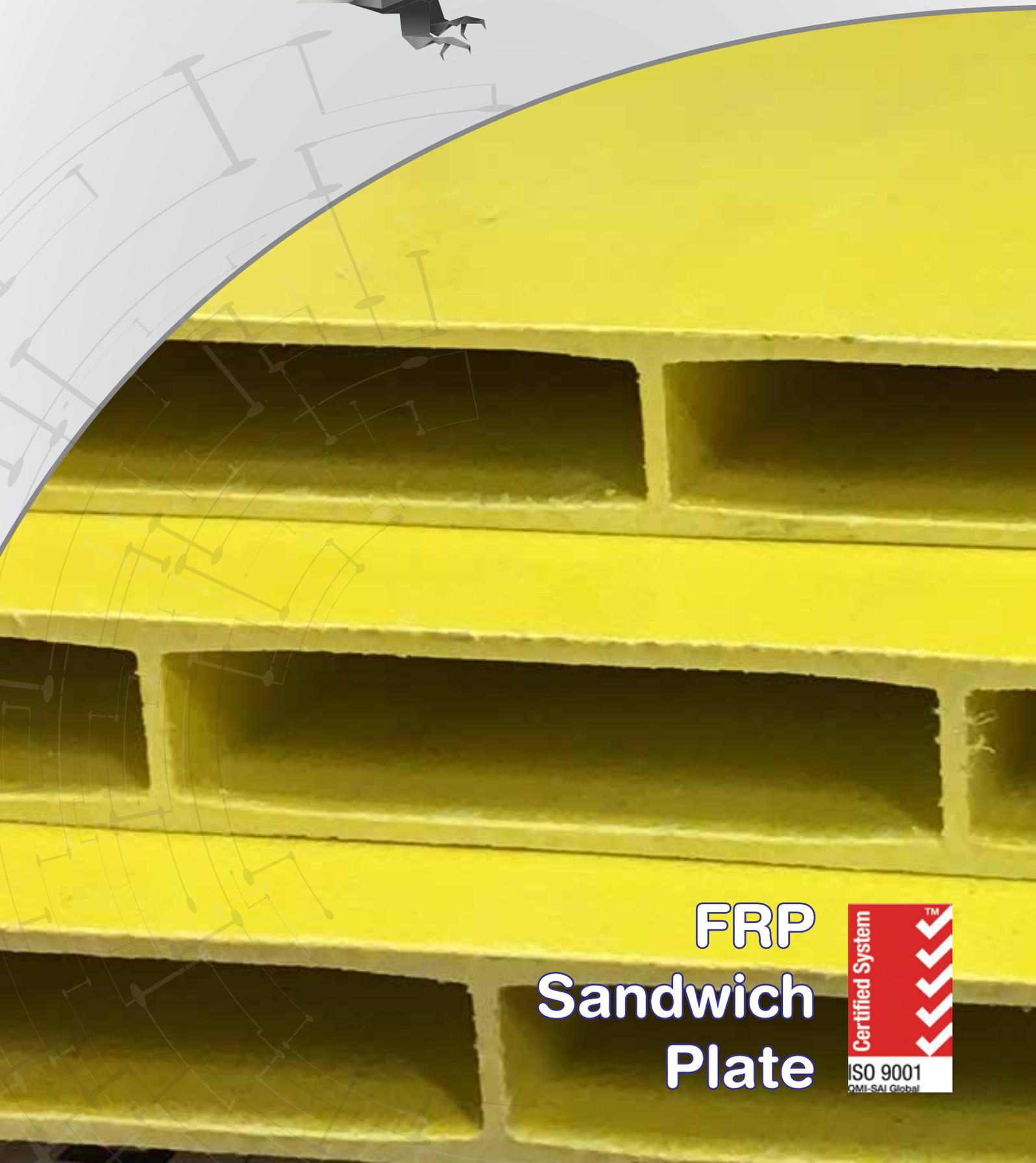




SUPPLIES  
**SCAVENGER**



**FRP  
Sandwich  
Plate**



# About Us



**Scavenger Supplies** is an Australian-owned, Australia-wide specialist in industrial products and services, committed to safety and high standards for our customers. Our focus is on maintaining

control systems that provide an environmentally safe and healthy workplace for all.

Established in 2002 as **Conveyor Technology Services**, we have consistently expanded to meet the high requirements of industry in Australia.

Scavenger Supplies has two divisions - **Scavenger Supplies** and **Scavenger Fire / Maritime Safety**. These are supported by four leading brands – **Scavenger Supplies, Conveyor Technology, Scavenger Fire and Safety** and **Grating FRP Australia**.

All have a comprehensive product portfolio based on quality-assured manufacturers and suppliers.

**Scavenger Supplies** is supported by a Quality Management System that conforms to rigorous standards, including ISO 9001:2008. We work with your company so that exacting goals of quality, price and delivery are consistently met.

Every aspect of our service and delivery to you is measured, from selecting material, components and services that undergo routine inspection for specific conformity, to providing facilities, training and encouragement, backed by regular reviews and internal audits.

We partner with innovative manufacturers to bring you the latest, safest and most cost-effective technologies.

We are proud of the range of solutions we provide, constantly looking for products that have perfect mechanical properties, are light weight, high strength, impact resistant, easy to maintain, with a number of other benefits so that you can concentrate on delivering the safety and environmental standards expected by your customers and employees.



Copies of certification documentation available

## National Order Placement

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# FRP Sandwich Plate Applications



## Roofing and decking



## Withstands water penetration



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# FRP Sandwich Plate



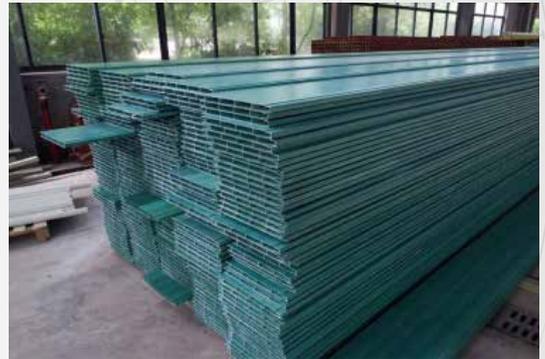
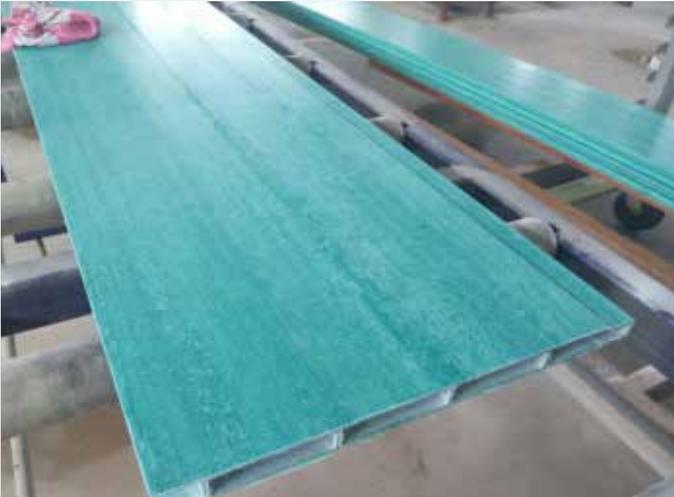
## Specifications

ISO Resin  
Height 25.4mm  
Thickness 3mm  
Width 400mm  
Project Lengths up to 5800mm and 11600mm  
Weight for 400mm wide profile 5.3kg/m  
Temperature maximum 34°C @ 42°C constant all day



## Other Applications

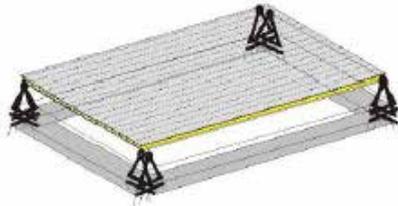
May also be used as wall sheeting.



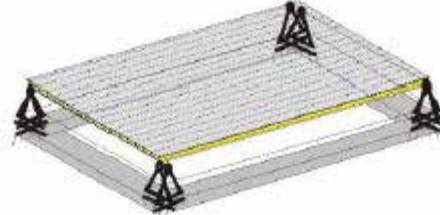
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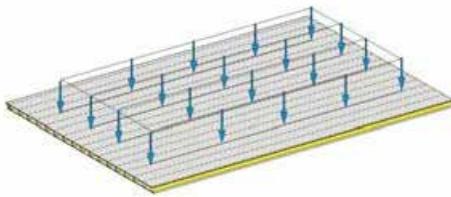
# SANDWICH PLATE LOAD TABLES



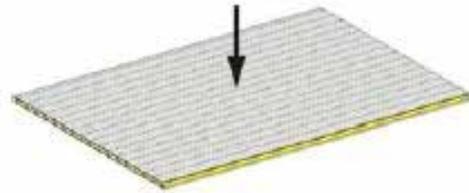
**D6 - all edges simply supported**



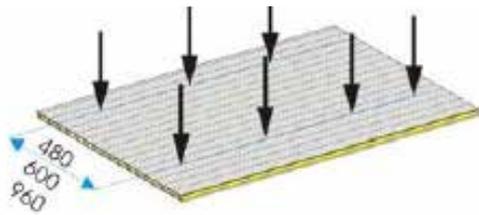
**D6 - all edges simply supported**



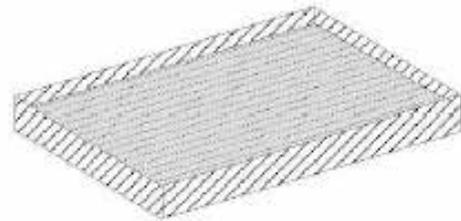
**C5 - uniform pressure load**



**C1 - point load**



**C4 - discrete uniform load**



**D5 - all edges clamped**

SPAN mm	@Δ =Span/60		@Δ =Span/120		@Δ =Span/180		@Δ =Span/240		@Δ =Span/300		@Δ =Span/360	
	LOAD (kn/m <sup>2</sup> )	Δ(mm)										
609.6	82.69	10.06	41.32	5.08	27.58	3.30	20.68	2.54	16.52	2.03	13.79	1.78
762.0	50.03	12.70	25.04	6.35	16.66	4.32	12.50	3.30	10.01	2.54	8.33	2.03
914.4	32.13	15.24	16.04	7.62	10.73	5.08	8.04	3.81	6.42	3.05	5.36	2.54
1066.8	21.59	17.78	10.77	8.89	7.18	5.84	5.41	4.57	4.31	3.56	3.59	3.05
1219.2	15.08	20.32	7.52	10.16	5.03	6.86	3.78	5.08	3.02	4.06	2.49	3.30
1371.6	10.82	22.86	5.41	11.43	3.59	7.62	2.73	5.84	2.15	4.57	1.82	3.81
1524.0	8.04	25.40	4.02	12.70	2.68	8.38	2.01	6.35	1.63	5.08	1.34	4.32
1676.4	6.08	27.94	3.06	13.97	2.01	9.40	1.53	7.11	1.20	5.59	1.01	4.57
1828.8	4.74	30.48	2.35	15.24	1.58	10.16	1.20	7.62	0.96	6.10	0.77	5.08
1981.2	3.73	33.02	1.87	16.51	1.24	10.92	0.96	8.38	0.77	7.11	0.62	5.59
2133.6	3.02	35.56	1.48	17.78	1.01	11.94	0.77	8.89	0.62	7.11	0.48	5.84
2286.0	2.44	38.10	1.24	19.05	0.81	12.70	0.62	9.65	0.48	7.62	0.43	6.35
2438.4	2.06	40.64	1.01	20.32	0.67	13.46	0.53	10.16	0.43	8.13	0.34	6.86



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