

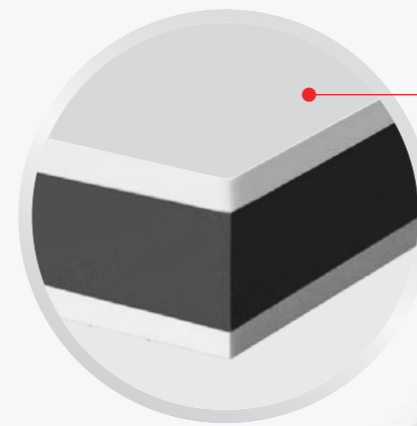
## ▲ Project References



## WONDERBoard™ For Sustainable Construction

### OUR CIRCULAR ECONOMY COMMITMENT — YOUR ESG ACCOMPLISHMENT

At PLYTEC POLYMER, sustainability is not just a commitment — it is embedded in every WONDERBoard™ panel we produce. Designed for exceptional strength, reusability, thermo stability and long-term cost-efficiency, WONDERBoard™ leads the formwork industry in aligning with global ESG (Environmental, Social, Governance) goals and offer circular economy principles.



Eco-Modified  
Engineering Polymer



For Smooth Concrete  
Finishing

MG Series



**PLYTEC POLYMER SDN BHD**

REG. NO. 202401040106 (1585953-X)

No. 1, Jalan 13, Kawasan Perindustrian Olak Lempit,  
42700 Banting, Kuala Langat, Selangor D.E., Malaysia.

+603 - 8061 2888

enquiry.polymer@plytec.com.my

+603 - 8061 4888

www.plytecpolymer.com



For more information, contact +6012 - 393 0788

A subsidiary of PLYTEC Holding Berhad



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# WONDERBoard<sup>™</sup>

For Sustainable Construction

Advanced engineering polymer product with circular economy solutions



A revolutionary engineered plastic panel made from a unique formulation of eco-modified engineering polymer. Designed to address the challenges faced by builders and developers in the construction industry, WONDERBoard<sup>™</sup> offers unparalleled durability, cost-effectiveness, and environmental sustainability.

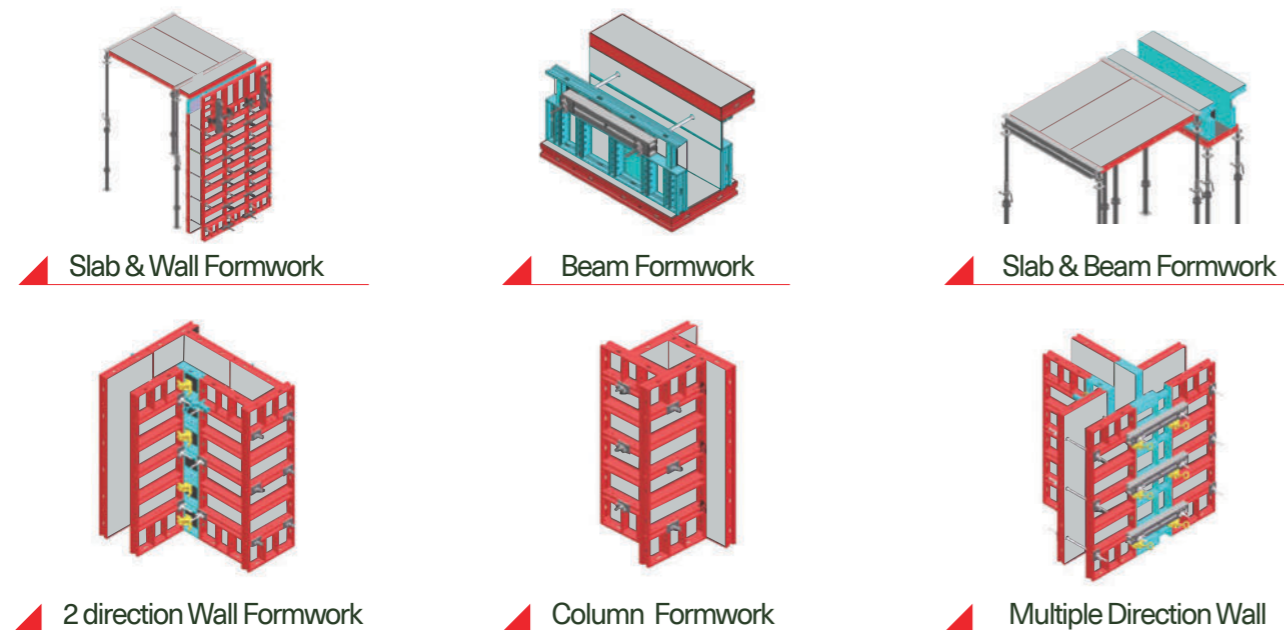
This cutting-edge panel is set to replace traditional form-lining and face-sheet materials like steel, aluminium, and phenolic plywood, offering a superior alternative that meets the industry's evolving needs.

## The Advantages of WONDERBoard<sup>™</sup>

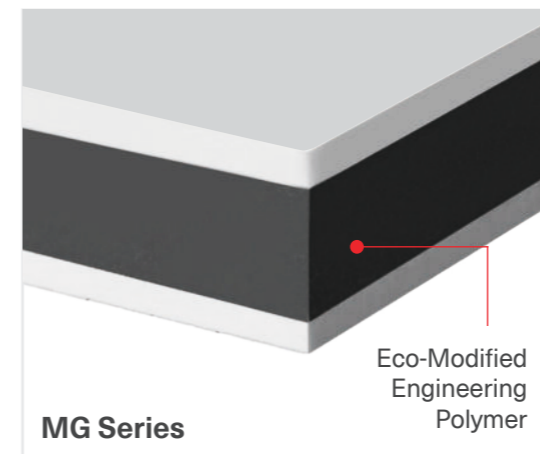
- ✔ 100% PVC Free
- ✔ High Impact Strength
- ✔ Lightweight
- ✔ Easy Installation
- ✔ Reusable over 200 Times
- ✔ Easy Maintenance
- ✔ Waterproof
- ✔ Repairable

## ▲ WONDERBoard<sup>™</sup> VERSATILITY IN FORMWORK APPLICATIONS

WONDERBoard<sup>™</sup> is highly adaptable product specifically used in various formwork applications. Formwork refers to temporary or permanent moulds used to shape concrete or other materials while they set.



## STANDARD PANEL SIZES AND SPECIFICATIONS



Size	1.80m x 1.20m (2.16m <sup>2</sup> )	2.44m x 1.22m (2.98m <sup>2</sup> )
	Weight (kg/pc)	
10mm	21.12	29.11
11mm	23.24	32.02
12mm	25.35	34.94
15mm	31.69	43.67
17mm	35.91	49.49
18mm	38.02	52.40

### Technical Characteristics:

WONDERBoard <sup>™</sup> Series		MG	Test Method
Thickness (mm)		10 - 12 <sup>[1]</sup>	
Mechanical Properties			
Density (kg/m <sup>3</sup> )		978	-
Modulus of Elasticity (N/mm <sup>2</sup> )	Longitudinal	3200	ASTM D790 (3 Point Bending)
	Transverse	2000	
Flexural Strength (N/mm <sup>2</sup> )	Longitudinal	65	
	Transverse	44	
Surface Hardness		> 73	Shore D
Skid Resistance (PTV)		30+	EN 13036-4
Thermal Properties			
Thermal Stability (°C)	Maximum	120	-
	Minimum	-25	

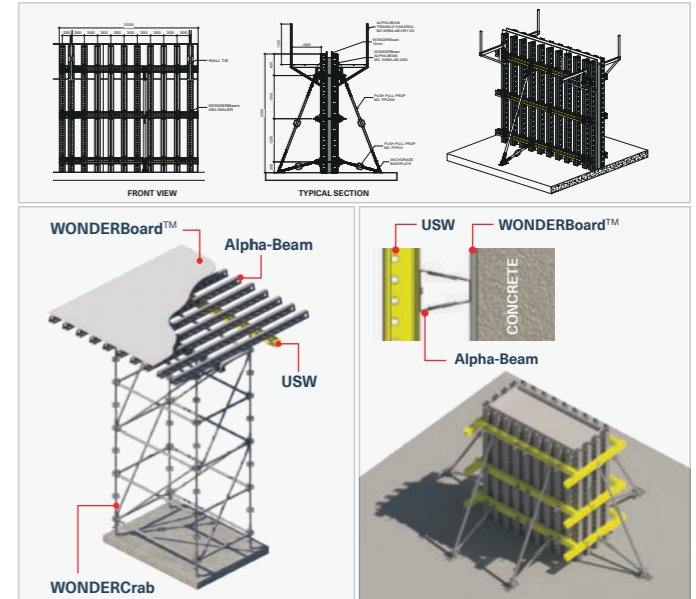
### Remark:

Custom sizes and thickness are available upon request, with width up to 1500mm and thickness up to 25mm.\*

### WONDERBoard<sup>™</sup> with H20 Beam



### WONDERBoard<sup>™</sup> with Alpha-Beam



\* COLUMN SIZE: 1115 X 1115 X 4650MM