



Pro Cast



Pro Flex



Pro Curve

- ▶ Built to Withstand High Pressure
- ▶ Engineered for **Flexibility**
- ▶ Longer Lifespan Than Plywood X5

Pro Cast By Admiral

Built to withstand more pressure and stress

Engineered for Maximum Durability: Built to withstand heavy use and demanding applications. Three-Layer Construction: Offers superior strength, long-lasting performance, and dimensional stability. Eco-Friendly , supporting a circular economy with reduced waste and energy use.



Key Advantages



Easy to Clean



Easy To Saw & Cut



Fire Retardant



Durable



High Screw Holding



Water Resistant

مصمم لتحقيق أقصى درجات المتانة: مُصنَّع لتحمل الاستخدام المكثف والتطبيقات الشاقة.

تركيبة ثلاثية الطبقات: توفر قوة فائقة، أداءً طويل الأمد، وثباتاً عالي للابعاد.

صديق للبيئة: يدعم الاقتصاد الدائري ويقلل من النفايات واستهلاك الطاقة لا تحتاج هذه الالواح لمواد عازلة.

Pro Cast By Admiral

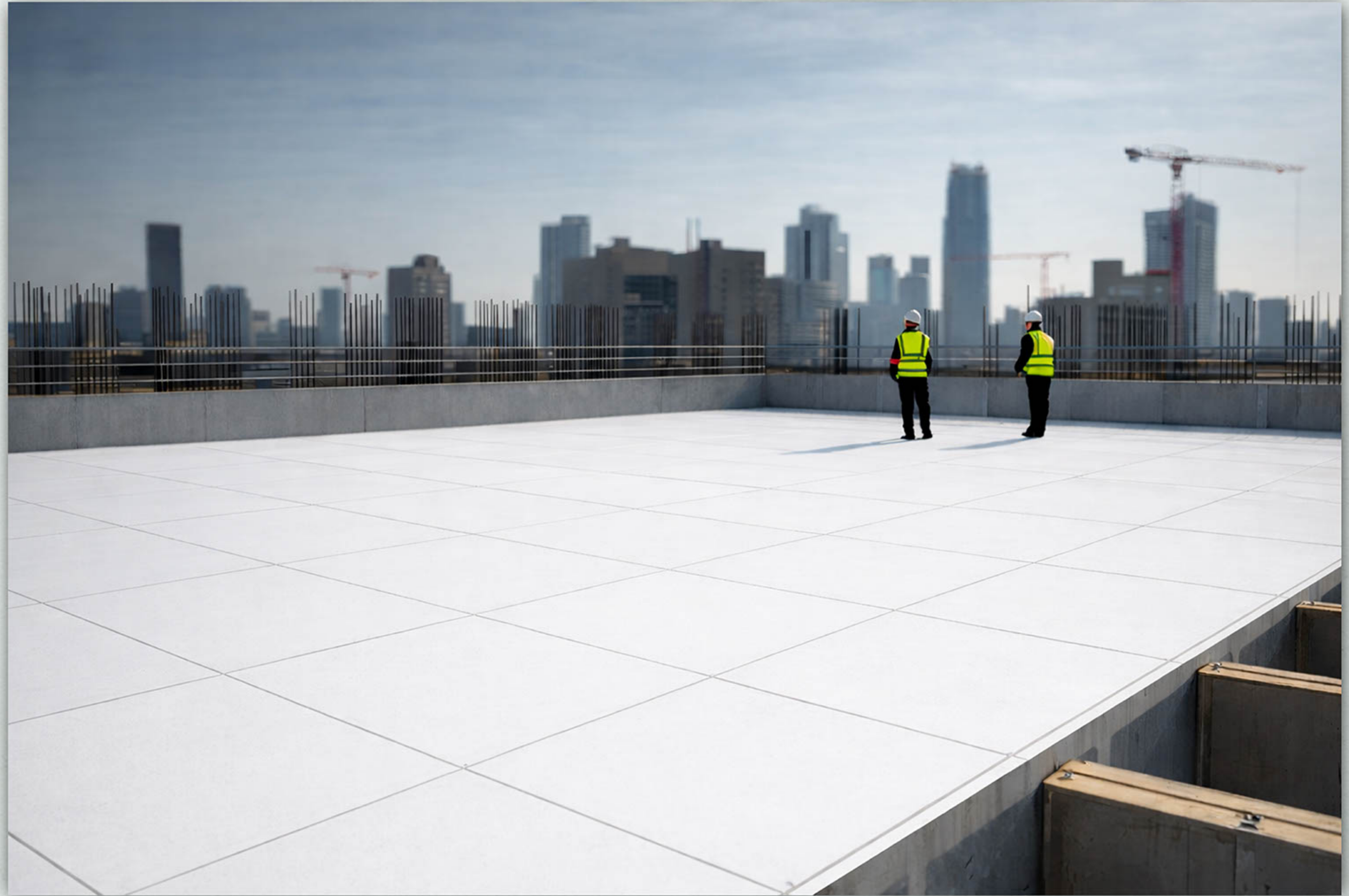


- Low maintenance.
- Reusable 30–50 times.
- Cut to any size.
- Smooth, mirror-like concrete finish.
- Stable for outdoor storage.
- Eco-friendly.
- Water & alkali resistant.
- No edge sealing needed.
- Lasts 5× longer than plywood.

Pro Cast By Admiral

Technical Data Sheet

Dimensions	Length: Up to 3300mm Width: Up to 1250mm Thickness: 8mm - Up to 20mm
Standard Board Dimensions	2440mm X 1220mm X 18mm
Stripping	No release agent needed
Fire retardant	Class I V2
Density (KG/M2)	680-720
Water retention rate	Water Retention < 1%
Vicat Softening Temperature °C	>90
Shore hardness D	75 ± 2
Alkali resistance	< 0.72 % The surface is not affected by the alkaline medium, no observed deformation
Water Resistance	1.24% Will not be affected by Water, will not bulge or deform.
Charpy impact strength (KJ/M2)	>2300
Modulus of Elasticity (MPA)	>17
No. of use: (PLEASE REFER TO USER MANUAL TO GET OPTIMUM USE NUMBER)	>15 times in slabs, 25 times in walls/ columns & up to 40 times in panels
Tolerance (MM)	Length, Width, ± 1%, Thickness ±1mm
Static bending (KN) for 18mm	>1
Number of uses in ready to use formwork panel	Up to 200 times (According to Handling)
Processing	Plywood Comparable



Durable



Local Manufacturing



Cost Effective



Insect Resistant



Lightweight



UV Resistant



Water Resistant



Green Product



Easy to Install



Recyclable



Easy to Clean

Pro Flex By Admiral

Built for Pressure - Engineered for Flexibility

- High impact resistance and long-lasting durability.
- Cost-effective solution for light construction elements.
- Ideal for use in panels, walls, and columns.
- Flexible design that adapts easily to different concrete forms.
- Easy to handle and install, saving time on site.
- Resistant to weathering and environmental factors.
- Performs reliably under bending, moisture, and heat.



- مقاومة عالية للصدمات وعمر افتراضي طويل.
- حل اقتصادي مناسب لعناصر البناء الخفيفة.
- مثالي للاستخدام في الألواح والجدران والأعمدة.
- تصميم مرن يتكيف بسهولة مع مختلف قوالب الخرسانة.
- سهل النقل والتركيب، مما يوفر الوقت في موقع العمل.
- مقاوم للعوامل الجوية والتأثيرات البيئية.
- يؤدي وظيفته بكفاءة عالية في ظل الانحناء والرطوبة والحرارة.
- لا تحتاج هذه الألواح لمواد عازلة.

Pro Flex By Admiral

- Can be cut to any shape or size with no need for edge sealing.
- Durable for outdoor use and maintains dimensional stability.
- Up to 50% more reusable than standard plywood, Lasting 30-50 cycles.
- Surfaces feature a special texture for concrete.
- Casting, removing the need for timber liners.
- Environmentally friendly and resistant to water and alkaline exposure.
- Requires minimal upkeep and maintenance.
- Supports curved and custom applications easily.



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Density (KG/M2)	600-700
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Processing	Plywood Comparable
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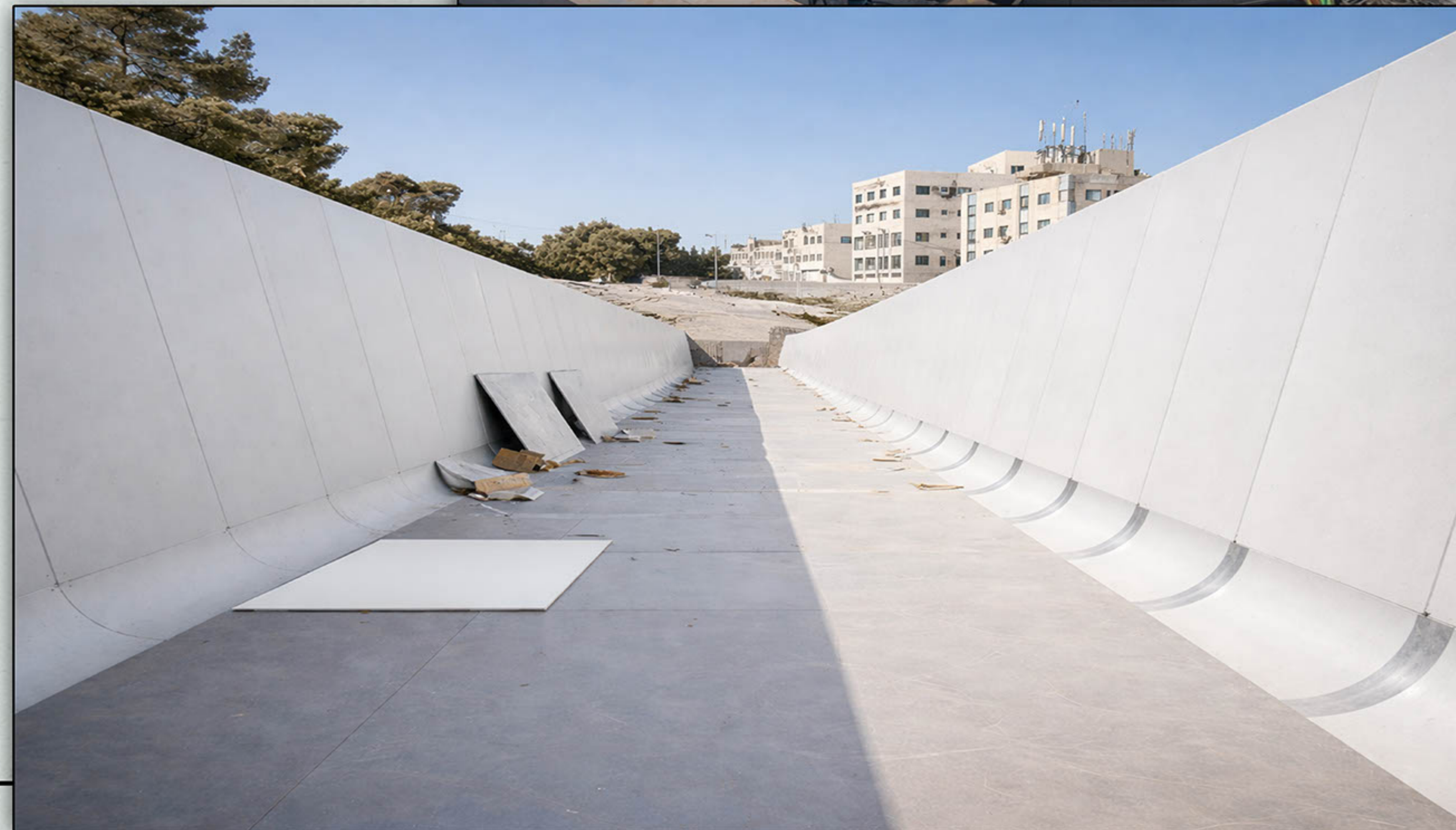
- High impact resistance and long-lasting durability.
- Cost-effective solution for light construction elements.
- Flexible design that adapts easily to different concrete forms.
- Easy to handle and install, saving time on site.
- Resistant to weathering and environmental factors.
- Performs reliably under bending, moisture, and heat.
- Designed for curved Constructions, walls.



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- تصميم مرن يتكيف بسهولة مع مختلف قوالب الخرسانة.
- لا تحتاج هذه الألواح لمواد عازلة.

Pro Curve *By Admiral*

- Low maintenance performance.
 - Reusable 30-50 times under proper handling.
 - Easily cut to any required dimension.
 - Delivers a smooth, mirror-like concrete finish.
 - Dimensionally stable for outdoor storage.
 - Eco-friendly composition.
 - Resistant to water and alkali.
 - No edge sealing required after cutting.
 - Lasts up to 5× longer than traditional plywood.
 - Increases productivity by up to 50%.
- Allows easy shaping.
- Can be shaped into curved applications with minimal effort.



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Key Features of Admiral Panels:

Feature	Admiral Panels	Chinese Plywood	Brazilian Plywood	Steel Forms
Fire Resistance	Yes	No	No	Yes
Recyclability	Recyclable 100%	No	No	Yes
Water Absorption	No Water Deformation	Warps	Warps	Rusts
Concrete Finishing	Easy	Medium	Medium	Difficult
Use of Release Agent	No	Yes	Yes	Yes
Patching Required	Yes	No	No	No
Resistant to corrosion (acid and alkali)	Good	Poor	Poor	Poor



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- ▶ *Easily cut to any required dimension*
- ▶ *High impact resistance and long-lasting durability*
- ▶ *Reusable **30-50** times*