

EMPOWERING INDUSTRIAL NEW MANUFACTURING



HIGH - PERFORMANCE ENGINEERING
PLASTICS

SINCE 1989



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Shandong Ningjin Xinxing Chemical Co.,LTD.



XINXING products are widely sold to more than 100 countries and regions such as the United States, Canada, Mexico, Brazil, Australia, the United Kingdom, Germany, Poland, France, Belgium, Spain, India, Indonesia, Malaysia, Singapore, Japan, South Korea and Russia.

Company Profile

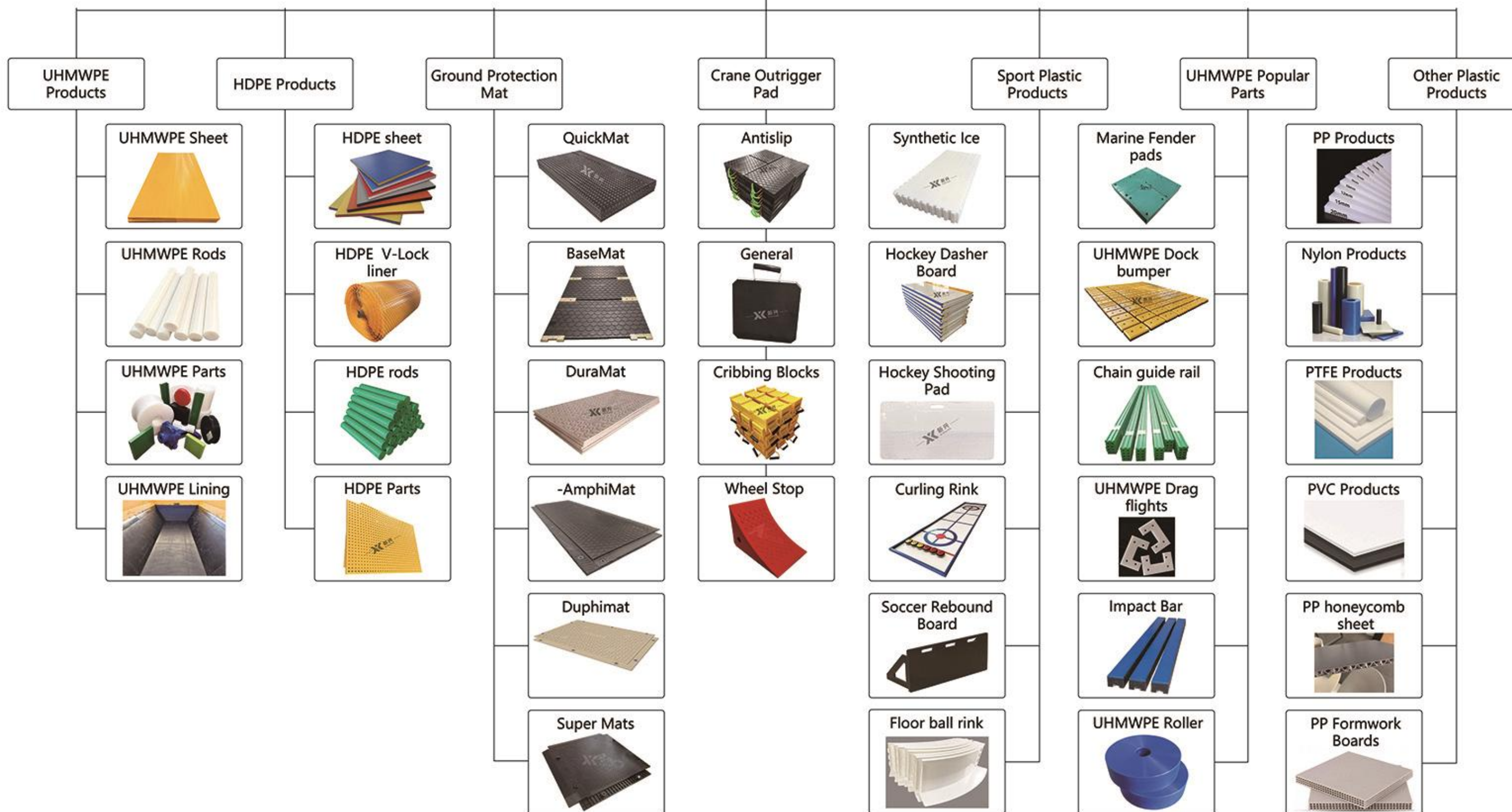
Xinxing Group is specializing in production of engineering plastic products with 35 years experience. We have 4 factories covering an area of 187000 square meters, yearly turnover is 20000 tons. Our products include HDPE/ UHMWPE sheets, rods and parts, ground protection mats, outrigger pads, marine fender facing pads, hockey dasher boards, synthetic ice tiles, etc. We aim at becoming the biggest engineering plastic manufacturer in the world.



Why choose us

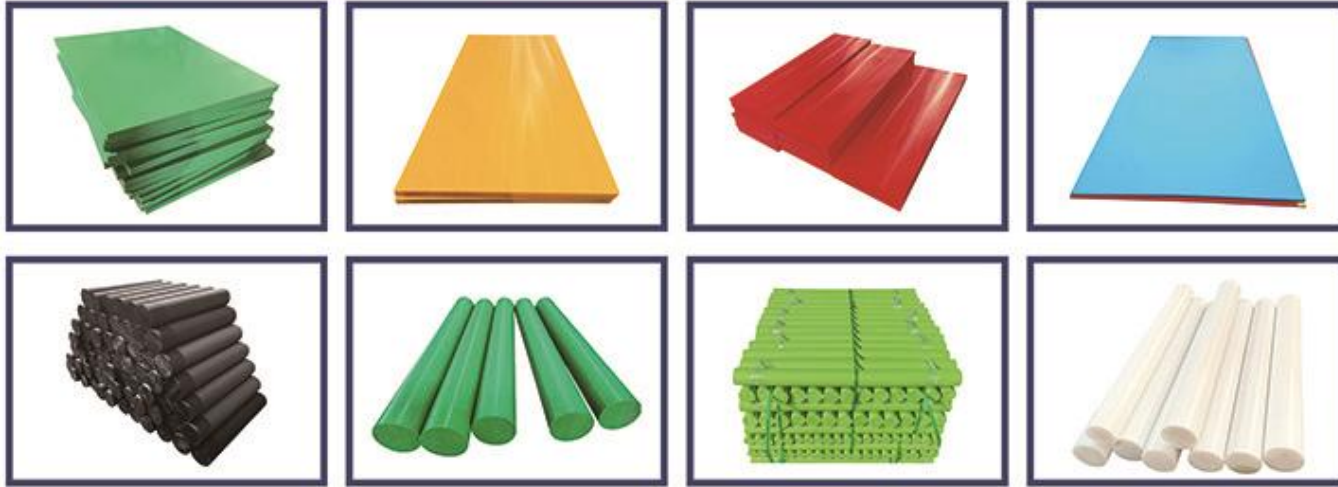
- The first and largest manufacturer with 35 years manufacturing experience
- Total 187000 square meters with 20000 tons/year capacity
- Exported to more than 100 countries and served for more than 500 customers
- Provide all necessary certificates like ISO 9001, ISO14001, ISO25001, CE, FDA , SGS, Factory Audit with A grade to Customers
- Provide OEM & ODM services also sharing the cost with customers on toolings
- Free samples+ free product design + free packing design
- 24 hours and one to one service, 100% on time delivery
- Ensure 100% qualified and free replacements in one year

Engineer Plastics



I . UHMWPE Products

1) UHMWPE Sheets, Rods and Parts



Specification

TYPE	Grade	Standard sheet size	Standard rod size	Color
Normal UHMWPE	HMWPE	2000 X 1000 mm	Dia:	Black
Anti-static UHMWPE	UHMWPE	3050X1220 mm	20, 40, 60,80,100, 120,	Yellow
Flame retardant UHMWPE	PE500	3000 X 1500 mm	140,160,175,205	Green
Ceramic filled UHMWPE	PE 1000	3000 X 1800 mm		Red
Boron UHMWPE	PE 2000	4500 X 2000 mm		Orange
Oil filled UHMWPE	PE 9000	3000 X 2000 mm		Blue
		6000 X 2000mm		Purple
		Thickness : 3- 200 mm		Dual color
				Single color

All size and color can be customized based on per customer' s requirements

2) UHMWPE CNC Machined Parts

Xinxing has more than 50 sets of CNC engraving machines, milling machines, machining centers and other machines that can meet the processing and customization needs of customers in different industries.



UHMWPE customized parts

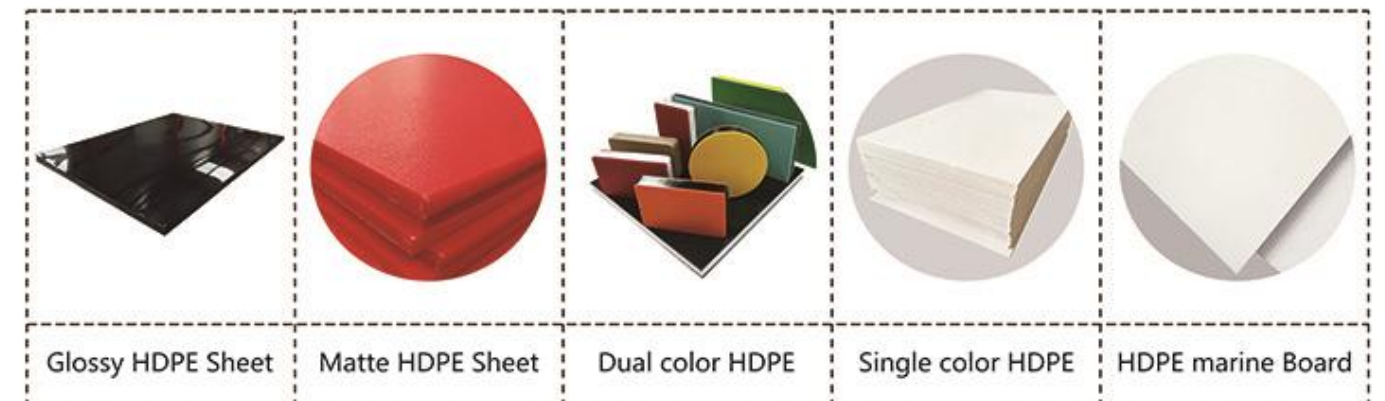


II . HDPE Sheets, Rods and Parts

XINXING owns the largest extruded machine to produce the HDPE products. Owing more than 10 sets of extruded machine, XINXING is able to meet all customer demands to ensure 100% on time delivery.



1) HDPE Sheet



Size: Thickness from 1 to 40mm

Width Max: 2500mm

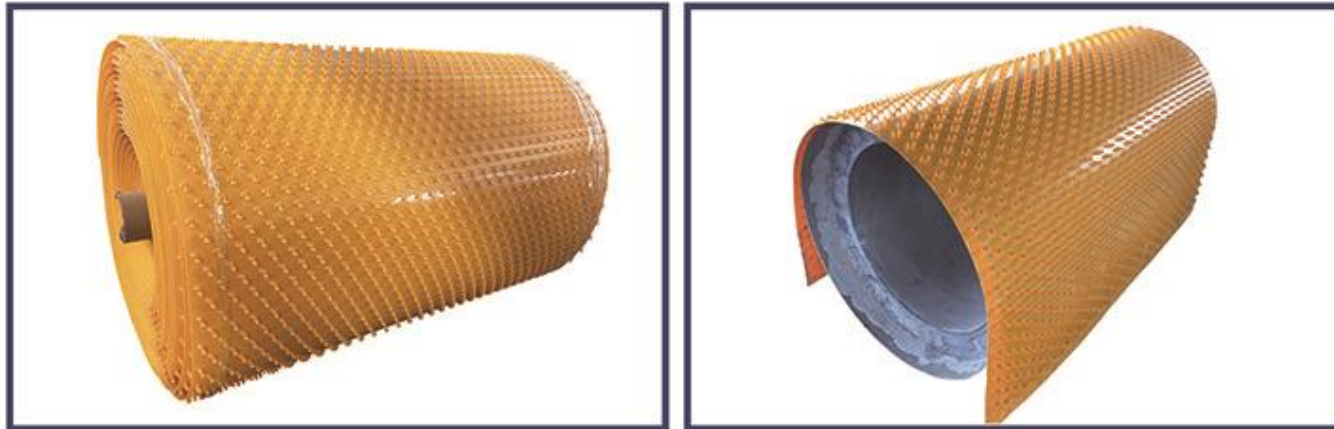
Length : No Limitation

Standard size: 2440X1220MM, 3000X1500MM, 4000X2000MM

Main Characters: UV stabilized, Acid and alkali resistance, corrosion resistance

2) HDPE V Lock Liner –Concrete Protective Liner

HDPE V lock liner is used to protect concrete structures from corrosion, erosion and mechanical damage. Providing superior long-term protection, our Concrete Protection Liner can help extend the lifespan of a wide variety of concrete structures including cast-in place sewer tunnels, sump pits, liquid storage tanks and more



Thickness:1-30mm

Width: 2m

Length: no limitation

3) HDPE Rods



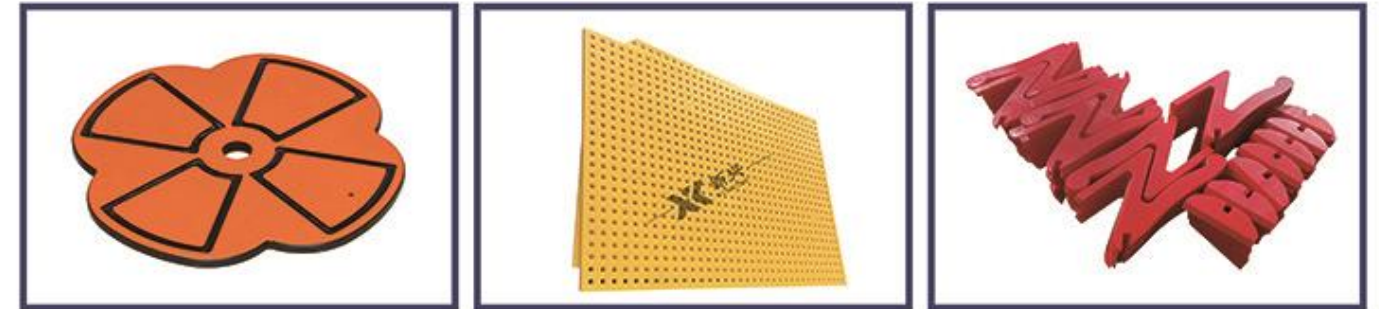
Dia: Φ 10-500mm

Length: 1m - 3m

Color: Customized

4) HDPE Parts

XINXING can provide the HDPE parts based on per customer' s drawings.

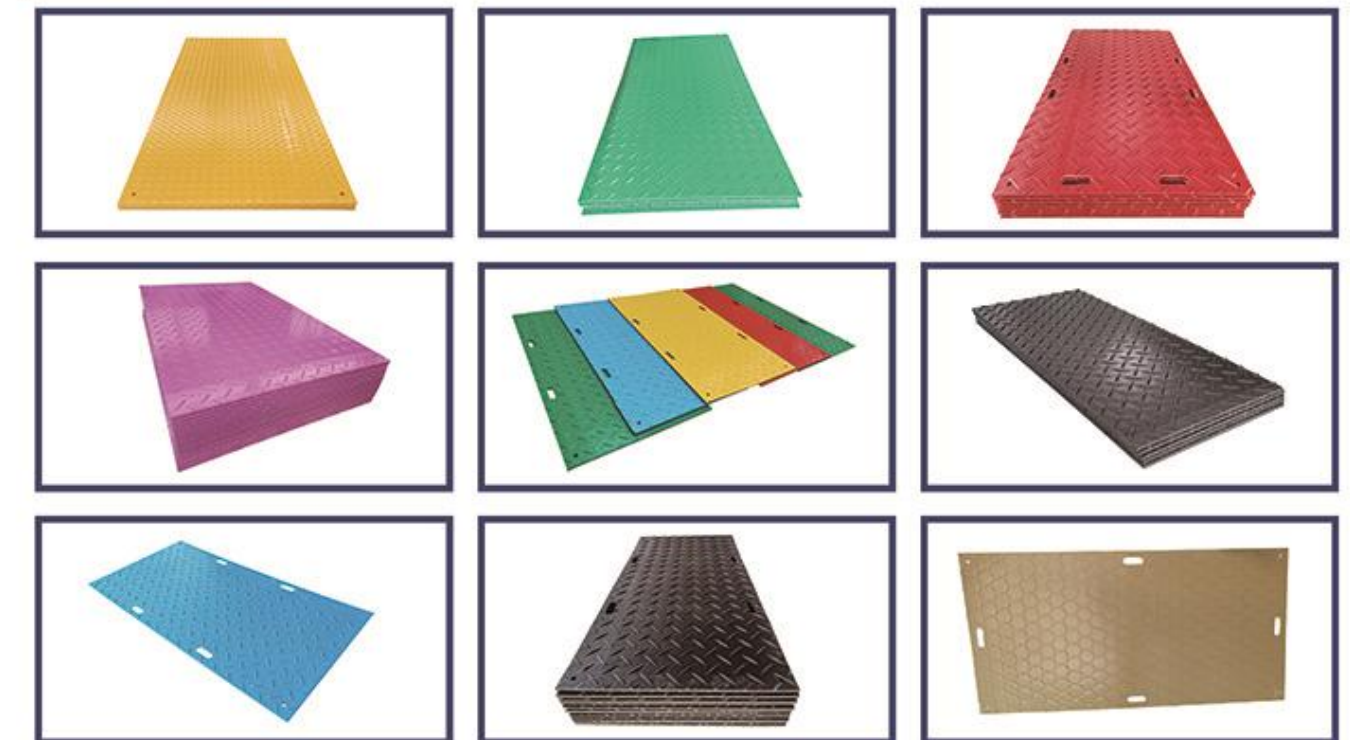


III . Ground Protection Mats

XINXING provide all kinds of ground solutions to customers. Our ground protection mats make the going easy when you need to move heavy vehicles and equipment over the soft or muddy ground. These composite road mats also provide a durable and uniform surface to stabilize heavy equipment on poor ground conditions or for access to special environments.

Quick Mat

Pictures



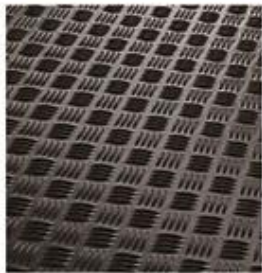
Material

100% recyclable High-Density Polyethylene

Color

Black, White, Tan, Beige, Blue, Red, Yellow, Green, etc.

Cleat



TYPE A



TYPE B



TYPE C



TYPE D



TYPE E

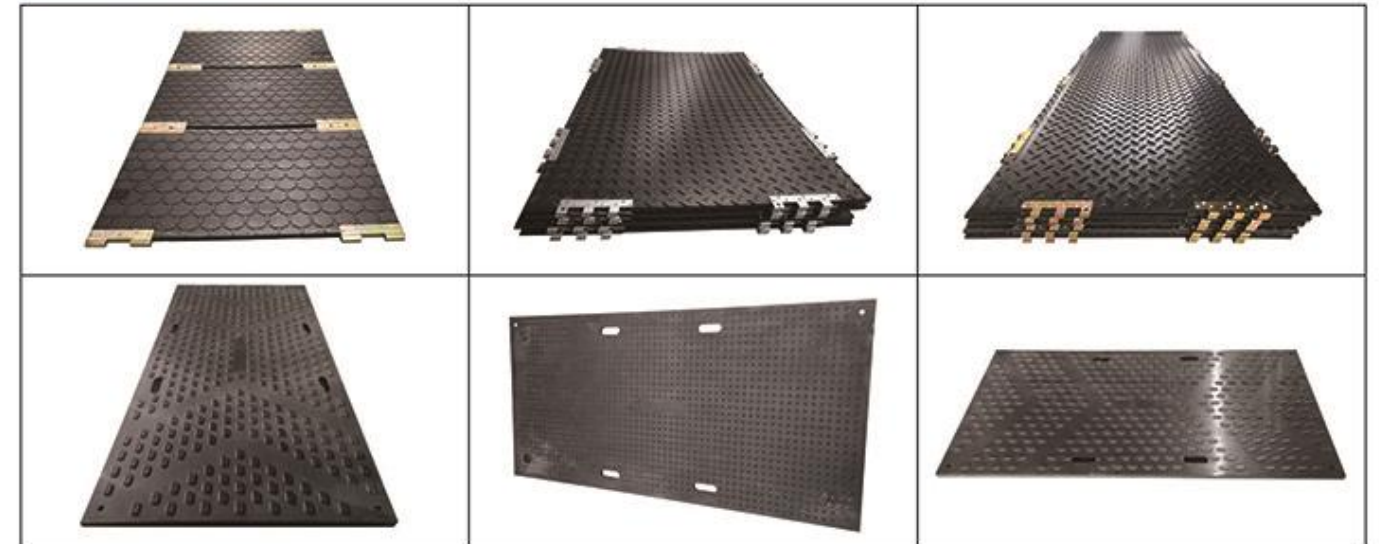
Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XQ-01	4'	2'	0.5"	20lbs	10 Tonnes	20ft 900pcs
	1220mm	610mm	12.7mm	9.5KGs		40ft 1800pcs
XQ-02	8'	2'	0.5"	40lbs	40 Tonnes	20ft 550pcs
	2440mm	610mm	12.7mm	18KGs		40ft 1000pcs
XQ-03	8'	3'	0.5"	62lbs	50 Tonnes	20ft 400pcs
	2440mm	915mm	12.7mm	28KGs		40ft 750pcs
XQ-04	8'	4'	0.5"	84lbs	60 Tonnes	20ft 300pcs
	2440mm	1220mm	12.7mm	38KGs		40ft 550pcs
XQ-05	9.5'	3.6'	0.5"	88lbs	70 Tonnes	20ft 520pcs
	2900mm	1100mm	12.7mm	40KGs		40ft 900pcs
XQ-06	6.5'	3.3'	0.4"	44lbs	40 Tonnes	20ft 520pcs
	2000mm	1000mm	10mm	20KGs		40ft 900pcs
XQ-07	9.8'	4.9'	0.6'	145lbs	80 Tonnes	40ft 320pcs
	3000mm	1500mm	15mm	66KGs		
XQ-08	9.8'	4.9'	0.8'	200lbs	100 Tonnes	40ft 220pc
	3000mm	1500mm	20mm	90KGs		

* Load bearing capacity is dependent on ground conditions.

Base Mat

Pictures



Cleat



TYPE C



TYPE D



TYPE F



TYPE G

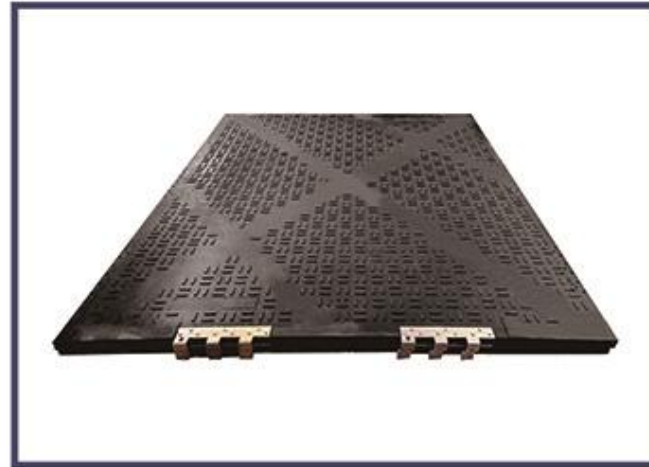
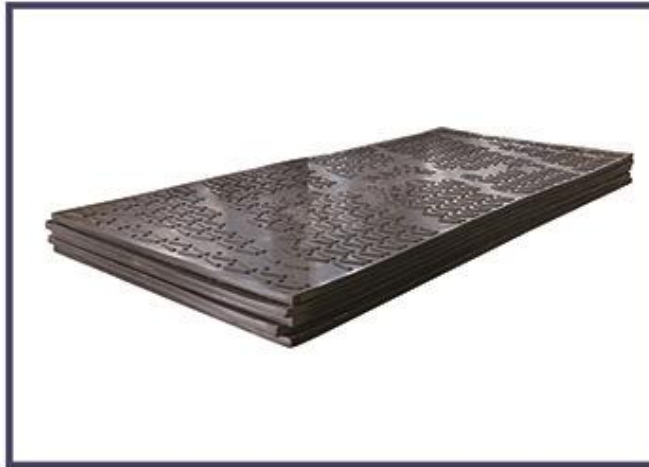
Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XB-01	19.3'	6.5'	1.1"	780lbs	100 Tonnes	20ft 40pcs
	5900mm	2000mm	28mm	354KGs		40ft 80pcs
XB-02	13.1'	6.5'	1"	480lbs	90Tonnes	20ft 60pcs
	4000mm	2000mm	25.4mm	219KGs		40ft 115pcs
XB-03	18'	6.5'	1.3"	850lbs	120Tonnes	20ft 35pcs
	5500mm	2000mm	33mm	385KGs		40ft 70pcs
XB-04 (UHMWPE)	8'	4'	0.5"	96lbs	80Tonnes	20ft 300pcs
	2440mm	1220mm	12.7mm	43.5KGs		40ft 550pcs
XB-05 (UHMWPE)	8'	4'	1"	180lbs	100Tonnes	20ft 180pcs
	2440mm	1220mm	25.4mm	81.5KGs		40ft 330pcs

* Load bearing capacity is dependent on ground conditions.

Dura Mat

Pictures



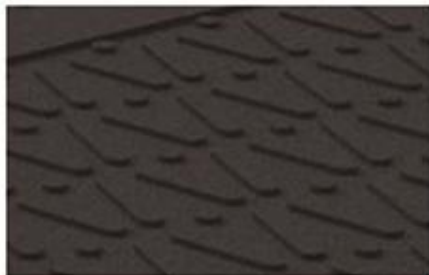
Material

UHMWPE

Color

Black, Tan/Beige, White, Green, Yellow, etc.

Cleat



TYPE H



TYPE J



TYPE K

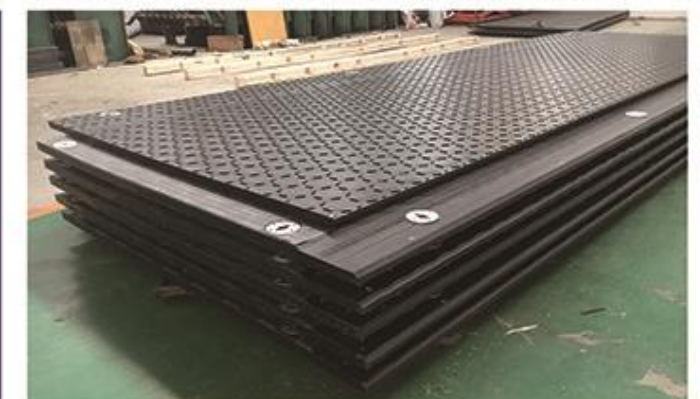
Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XD-01	9.8'	8.2'	1.5"	645lbs	150	20ft 26pcs
	3000mm	2500mm	38mm	292KGs	Tonnes	40ft 78pcs
XD-02	13.1'	6.5'	1.5"	687lbs	150	20ft 40pcs
	4000mm	2000mm	38mm	312KGs	Tonnes	40ft 80pcs
XD-03	14.8'	6.5'	1.5"	774lbs	160	20ft 40pcs
	4500mm	2000mm	38mm	351KGs	Tonnes	40ft 80pcs
XD-04	19.7'	6.5'	1.6"	1080lbs	170	20ft 20pcs
	6000mm	2000mm	40mm	490KGs	Tonnes	40ft 40pcs
XD-05	9.8'	8.2'	1"	430lbs	120	20ft 32pcs
	3000mm	2500mm	25mm	195KGs	Tonnes	40ft 96pcs

* Load bearing capacity is dependent on ground conditions.

Amphi Mat

Pictures



Material

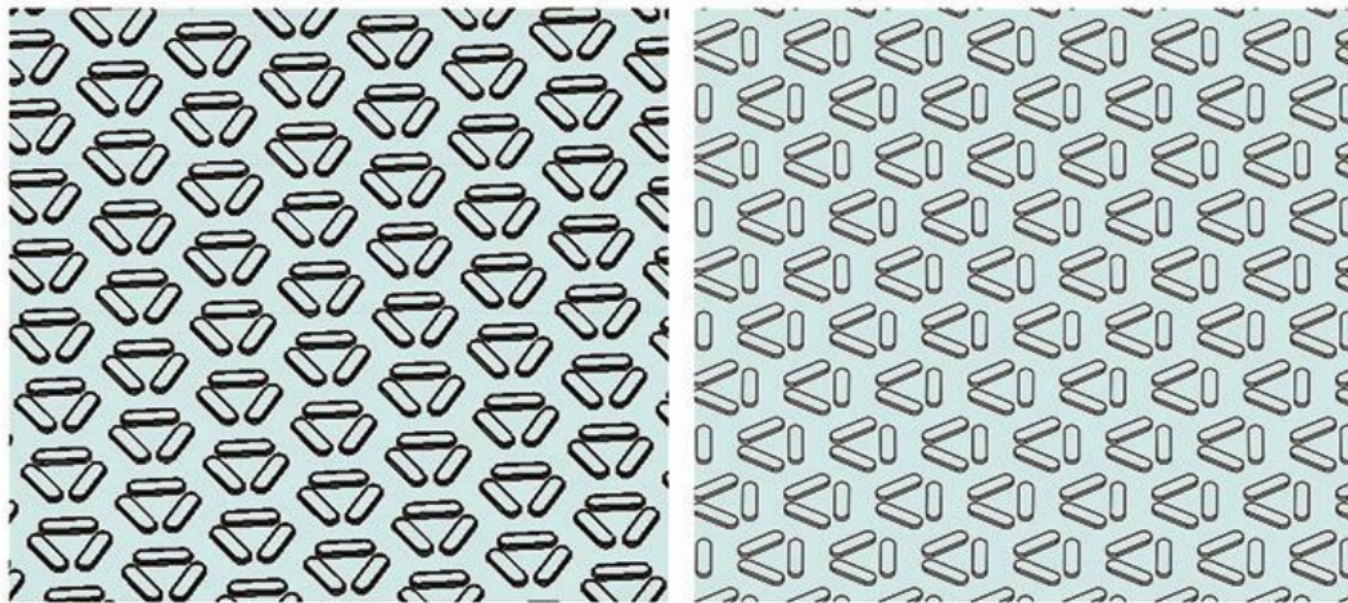
High-Density Polyethylene (HDPE) with special impact modifiers that incorporate UV resistance and anti-static properties

Color

Black, Tan/Beige, etc.

Cleat

TYPE L



Features

Rugged - withstands up to 120-180 tons!

Easy to install

Eco-Friendly - 100% recyclable Polyethylene

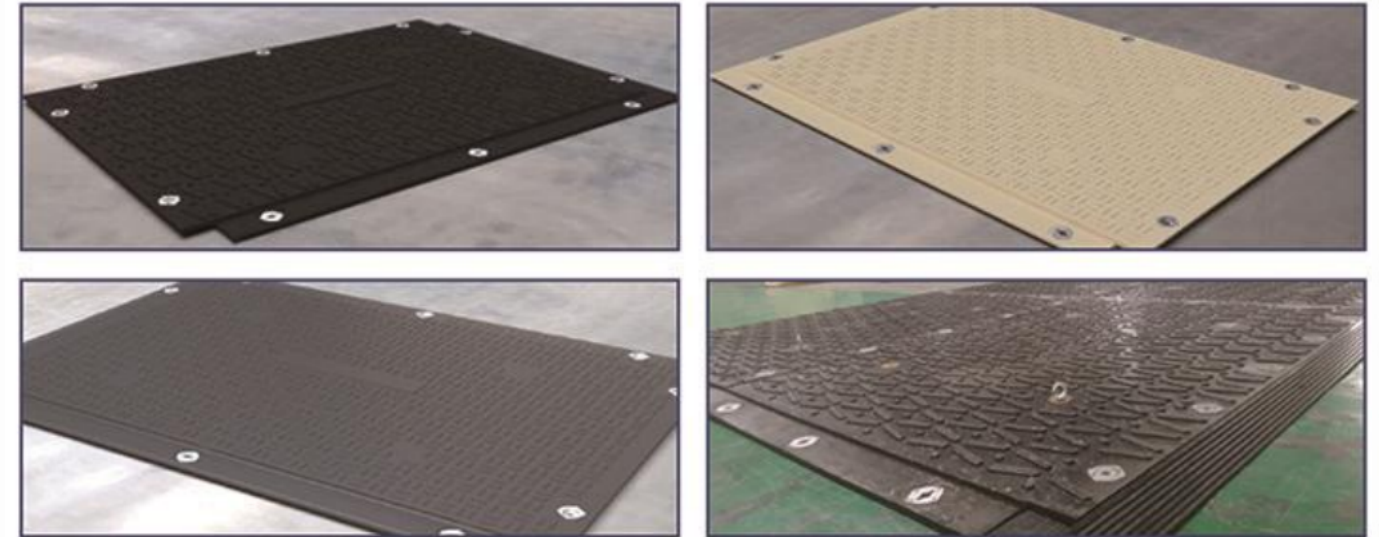
Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XA-01	13.78'	7.2'	4.25"	992lbs	600PSI	20ft 21Pcs
	4200	2195	108mm	450KGS	450ton/sqm	40ft 42Pcs

Load bearing capacity is dependent on ground conditions.

Duphi Mat

Pictures



Material

UHMWPE

Color

Black, Tan/Beige, etc.

Cleat

	
TYPE H	TYPE J

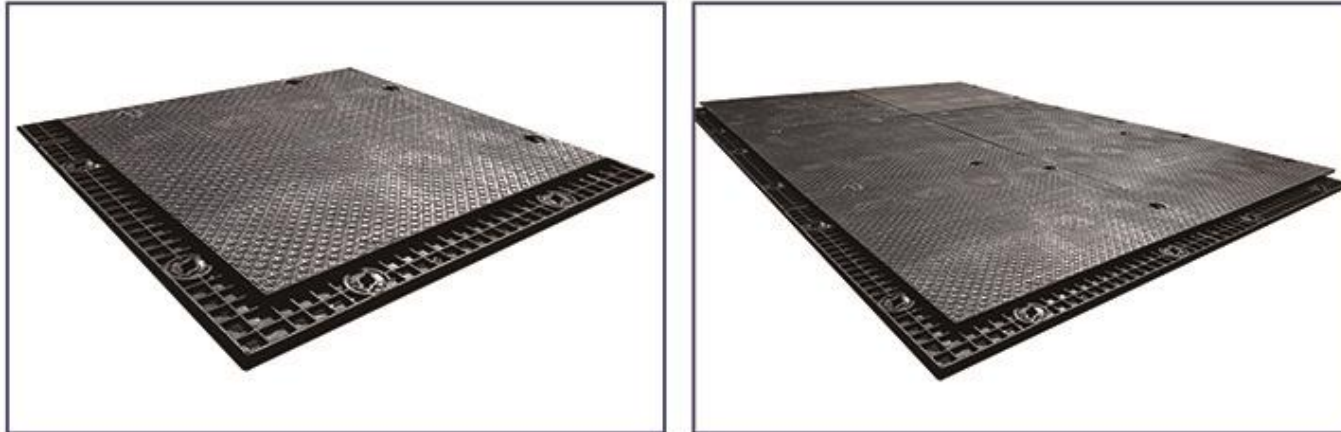
Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XP-01	10'	7'	1.6"	530lbs	140Tonnes	20ft 42 pcs
	3050	2150	40mm	240KGS		40ft 111pcs
XP-02	13.1'	6.5'	1.6"	724lbs	150Tonnes	20ft 40 pcs
	4000	2000	40mm	328KGS		40ft 80 pcs
XP-03	9.8'	8.2'	1.6"	680lbs	150Tonnes	40ft 78pcs
	3000	2500	40mm	308KGS		

Load bearing capacity is dependent on ground conditions.

Super Mat

Pictures



Material

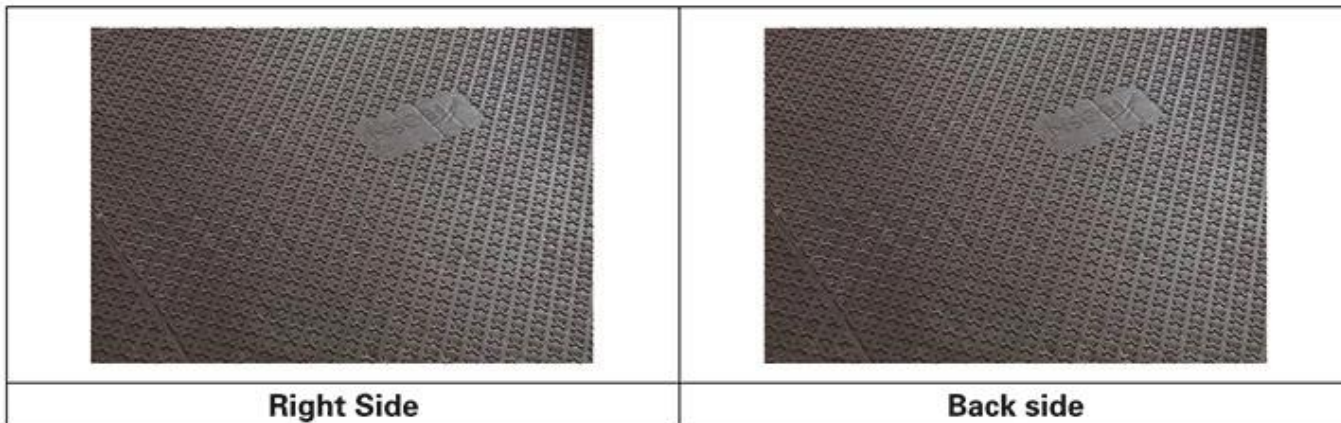
PP composite material

Color

Black, White, and other customer color

Cleat

TYPE M

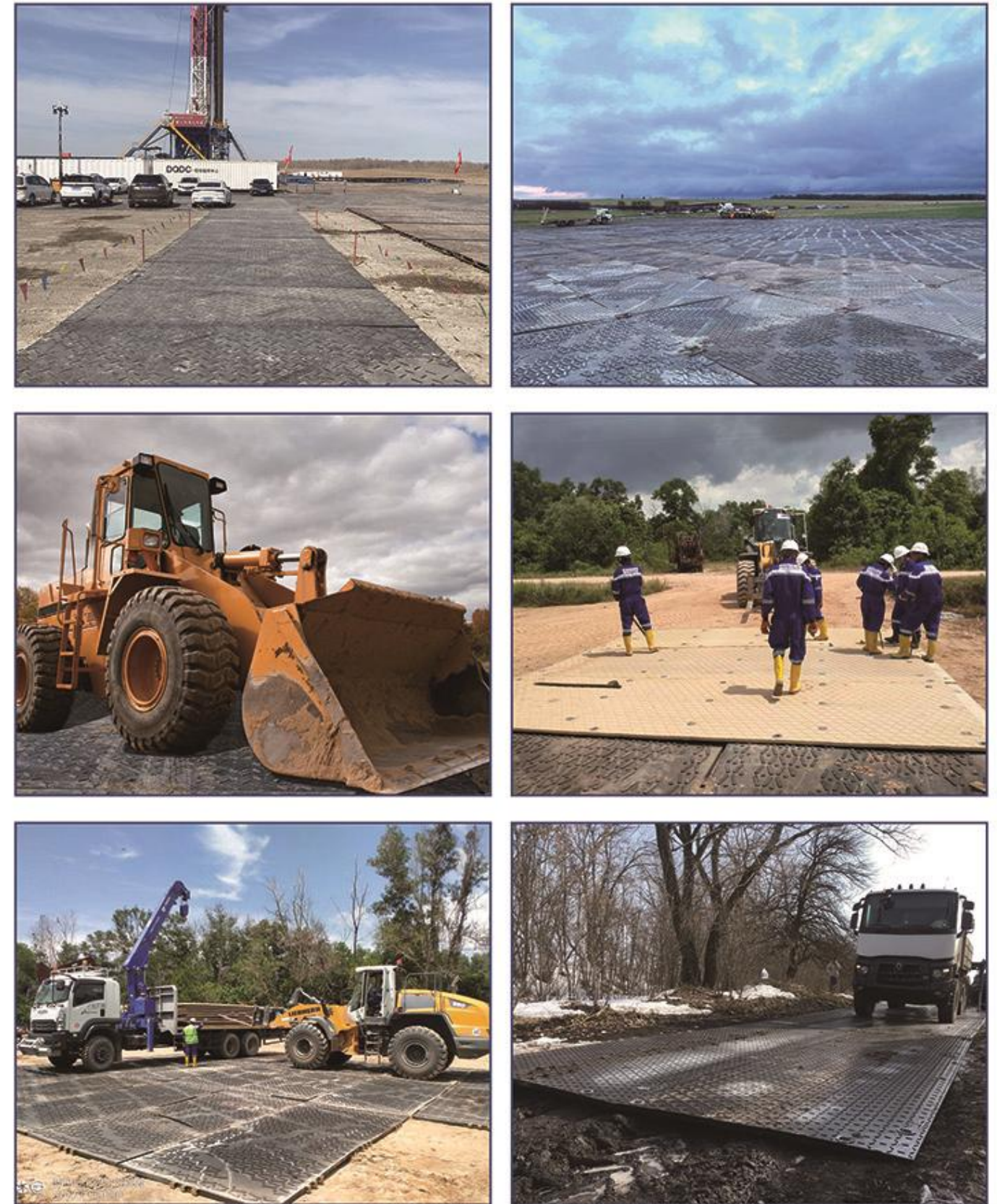


Product Specifications

Model No.	Length	Width	Thickness	Weight	Load capacity	Qty in Container
XS-01	4'	4'	1.65"	50.6lbs	20 tonnes	20ft 400pcs
	1220	1220	42mm	23KGS		40ft 920 pcs

* Load bearing capacity is dependent on ground conditions.

Mats Application Case



IV. Crane Outrigger Pads

1) Outrigger Pads

Outrigger crane pads from XINXING are made from high-quality UHMWPE that will not crack or splinter. These pads are easy to install and offer a safe working environment for heavy equipment with outrigger arms. These pads feature a durable design that is chemical and oil resistant. Outrigger pads from XINXING are impermeable to water, which makes them ideal for all weather conditions.

			
XCP001 Safety Grind	XCP002 X-groove Surface	XCP003 Circle recess Groove	XCP004 Flat normal type

Shape Type

		
Square pad	Round pad	Long strip pad

Color: Black, Blue, Yellow, Red, Green, White or other customer color

Service: Customer logo can be engraved for free

Size and loading capacity:

Square			
Part Number	Dimensions (mm)	Load Capacity (Tonnes)	Weight (kgs)
AB40404	400x400x40	12.00	6.30
AB50504	500x500x40	15.00	10.50
AB50505	500x500x50	18.00	12.50
AB50506	500x500x60	25.00	10.00
AB60604	600x600x40	20.00	14.50
AB60605	600x600x50	25.00	17.00
AB60606	600x600x60	30.00	22.00
AB80804	800x800x40	35.00	25.00
AB80805	800x800x50	40.00	31.50
AB80806	800x800x60	45.00	39.00
AB1001004	1000x1000x40	40.00	38.40
AB1001005	1000x1000x50	50.00	48.00
AB1001006	1000x1000x60	70.00	58.00
AB1001008	1000x1000x80	100.00	77.00
AB1201204	1200x1200x40	68.00	55.50
AB1201206	1200x1200x60	110.00	80.00
AB1201208	1200x1200x80	120.00	118.00
AB12012010	1200x1200x100	160.00	146.00
AB200100100	2000x1000x100	200.00	200.00
AB15015010	1500x1500x100	220.00	224.00
AB18018010	1800x1800x100	240.00	319.00
AB30020010	3000x2000x100	300.00	584.00
Round			
AB655	650x50	25.00	16.50
AB805	800x50	35.00	25.00
AB806	800x60	40.00	28.50
AB904	900x40	30.00	23.00
AB905	900x50	45.00	30.00
AB906	900x60	50.00	36.50
AB1004	1000x40	35.00	28.00
AB1005	1000x50	50.00	37.50
AB1006	1000x60	60.00	44.50
AB1007	1000x70	75.00	52.00
AB1008	1000x80	80.00	60.00
AB1206	1200x60	90.00	64.00
AB1207	1200x70	110.00	76.00
AB1208	1200x80	120.00	87.00
AB1508	1500x80	160.00	140.00
AB15010	1500x100	180.00	174.00

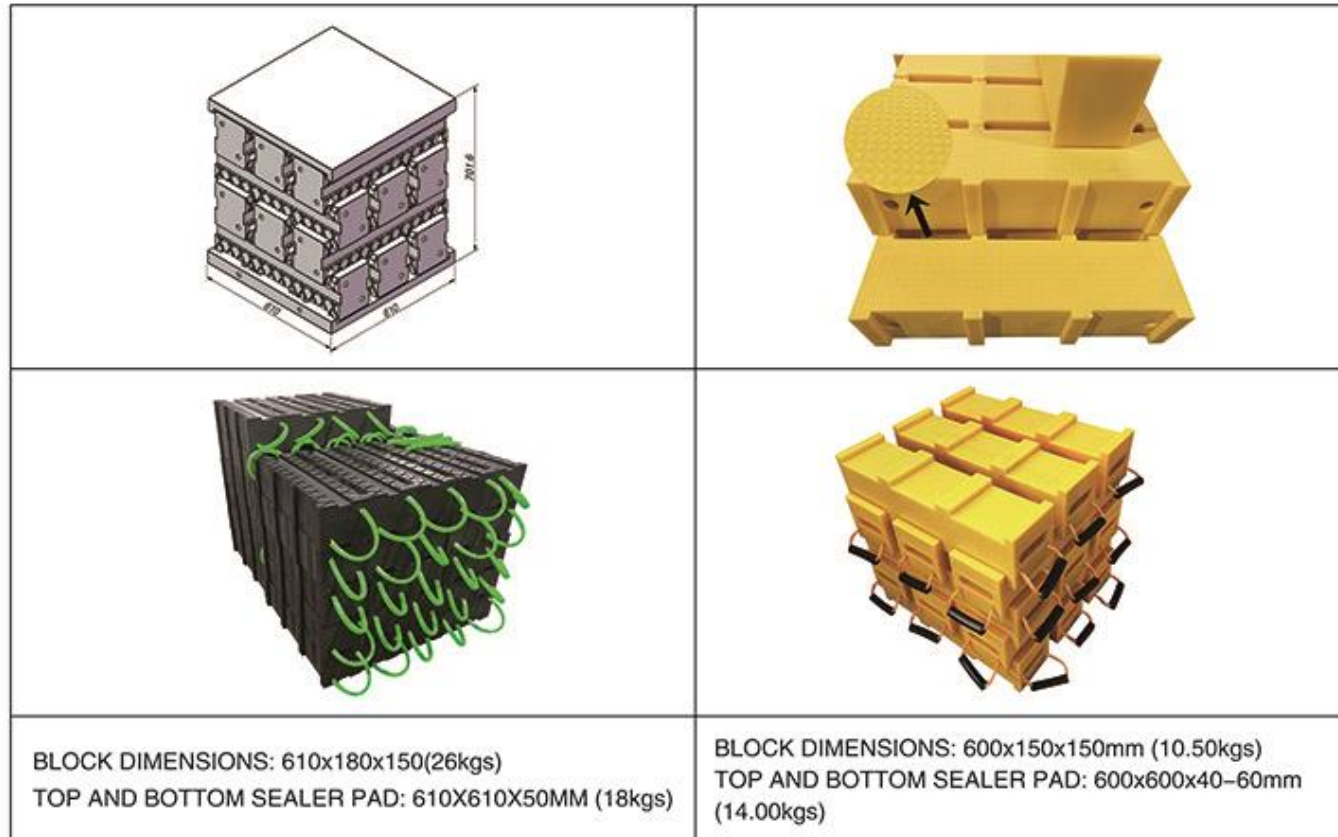
Application Case



2) Cribbing Blocks

Cribbing blocks - INTERLOCKING STABILIZATION PRODUCTS

Our innovative cribbing block products are the safer alternatives to woods during stabilization operations. XINXING cribbing blocks give you the flexibility to stack and interlock plastic cribbing blocks for almost any type of load stabilization or applications in industrial or fire/rescue settings, such as auto extrication.



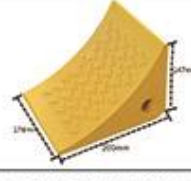
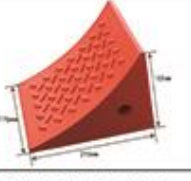
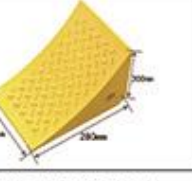
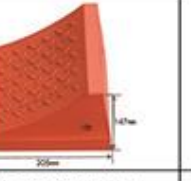
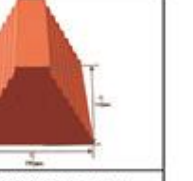
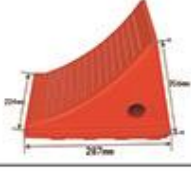
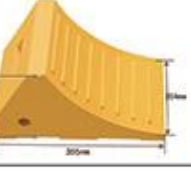
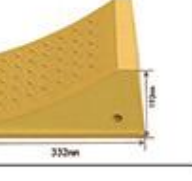
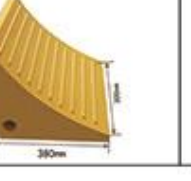
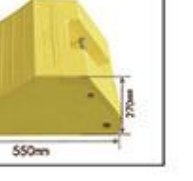
BLOCK DIMENSIONS: 610x180x150(26kgs)
TOP AND BOTTOM SEALER PAD: 610X610X50MM (18kgs)

BLOCK DIMENSIONS: 600x150x150mm (10.50kgs)
TOP AND BOTTOM SEALER PAD: 600x600x40-60mm (14.00kgs)

The cribbing block system is designed to support and stabilize heavy equipment during a lifting /lowering operation. It's compact size means you can quickly and safely build a temporary crib to the desired height, with the flexibility of two configuration options depending on the required load capacities.

The size can also be changed based on per customer's design.

3) Wheel Stop

200X174X147MM	215X176X155MM	280X200X200MM	205X200X147MM	195X235X145MM
				
287X224X206MM	355X204X204MM	332X215X193MM	380X280X300MM	550X373X270MM
				

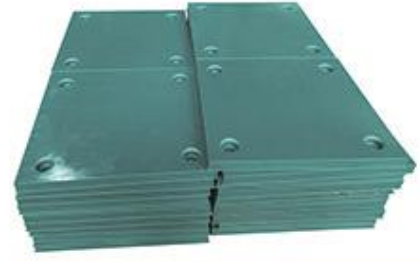
V . Sport Plastic Products

Synthetic ice rink 	XINXING synthetic ice is made by UHMWPE composite materials and gives hockey players and recreational skaters a smooth and reliable ice-like surface to practice shooting and stick handling skills while wearing skates. The realistic glide will take your game to the next level. Standard size: 2000X1000mm, 1000 x 1000mm, 500X500mm Thickness: 15mm, 20mm
Hockey dasher board 	XINXING can supply the indoor and outdoor dasher board. The installation of dasher board is very easy and simple. composition: White HDPE panel, Blue hand rail, yellow kick plate, Steel frame, steel support, screw Standard size: 2000LX 1200H Customer only need to send us the size of the rink and your idea and then XINXING will design the perfect drawing for you. High technique and quality!
Shooting pads 	Hockey shooting boards are perfect mobile hockey shooting surfaces that will give you the area needed to work on your hockey shooting skills. Our hockey shooting boards come in different sizes giving you the flexibility of filling out the space needed for your hockey shooting practice. Adding a passing rebounder to improve your hockey one-timer! Specifications: (30" x 60" x 3/16") 1524X762X5MM (28" x 52" x 3/16") 1320X711X5MM (24" x 48" x 1/8") 1220X610X3MM Other sizes are also available with us

Soccer rebound board 	Professional rebounding boards are perfect for those who want to practice their skills individually or in groups. This rebounding board is a real rebound each time. Such rebounding boards are very popular among soccer teams. XINXING can also produce soccer rebound boards based on per customer's design. Standard Size: <table border="1"> <tr> <td>1000 × 400mm (39in X 16in)</td><td>1500X400mm(59in X 16in)</td></tr> <tr> <td>1000 × 600mm(39in X 24in)</td><td>1500 × 600mm(59in X 24in)</td></tr> <tr> <td>2000 × 500mm(79in X 20in)</td><td>Customer size also available</td></tr> </table> Color: Black, White, Yellow, Blue, Red or Customized Type: Steel frame Leg, Plastic Leg Logo: Free laser printing LOGO	1000 × 400mm (39in X 16in)	1500X400mm(59in X 16in)	1000 × 600mm(39in X 24in)	1500 × 600mm(59in X 24in)	2000 × 500mm(79in X 20in)	Customer size also available
1000 × 400mm (39in X 16in)	1500X400mm(59in X 16in)						
1000 × 600mm(39in X 24in)	1500 × 600mm(59in X 24in)						
2000 × 500mm(79in X 20in)	Customer size also available						
Curling rinks 	Xinxing produce the curling rinks with the highest quality of uhmwpe materials which can make sure the synthetic rinks have very good sliding properties. You can make the size of your own curling rinks. No compressors or complex machinery No cold generation (no chillers, no generators) Low maintenance energy cost Low water consumption Low maintenance costs						
Floorball rink 	XINXING Floorball rink made by polypropylene offers an excellent finishing touch to both amateur and professional floorball playing areas. Easy to set up and quick to assemble, the rink can be in different sizes depending on the available space of the intended location. The most common size that is as below : 40m X 20m (IFF standard size) 30m X 15m (training application) 20m X 10 m(training application) 24m x 14 m (training application)						

VI. UHMWPE Popular Parts

1) UHMW-PE Marine Fender Pads

		
Flat UHMWPE Pad	UHMWPE Edge pads	UHMWPE Corner pads

XINXING UHMW-PE Fender pads and fenders are produced by a sintering process either from virgin or from reclaimed materials (aprox. 70% reclaimed +30% virgin material - also named double-sintered or blended UHMW-PE).

UHMW-PE (Ultra High Molecular Weight-Polyethylene) combines the highest strength with wear resistance and consequently provides the best durability of all available Polyethylene products.

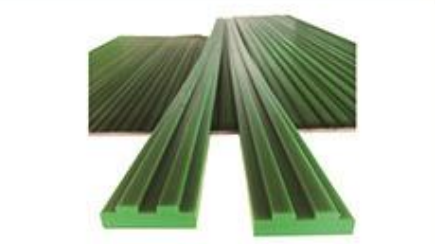
Typically UHMW-PE Sliding Fenders are available in thicknesses from 2 mm to 200 mm for regenerated material and 2 mm to 400 mm for virgin material. Plate sizes range from 500 x 500 mm up to 6,000 mm x 2,500 mm.

2) UHMW-PE Dock Bumper

			
TYPE T	TYPE B	TYPE H	TYPE 4

XINXING has developed the uhmwpe dock bumper pads to solve the problem for many garages and warehouses. When their cars or trucks enter or exit the garage and warehouse, the car or truck maybe strike the door or the wall, there will be damages of car, truck, wall and door. So it is a big headache to customers. All size and color can be customized.

3) UHMWPE Chain Guide Rail

		
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XINXING offer a full line of machined plastic Chain Guides designed to different conveyor chains. The material of choice is UHMW for its quiet operation with no need for lubrication and long life. Plastic chain guides come in a variety of configurations and materials.

4) UHMW-PE Drag Flight



XINXING produce UHMW drag conveyor flights to fit popular conveyor designs

- Available in Reprocessed Black & Virgin White UHMW materials
- Customized flights are available upon requests

5) Conveyor Impact Bar



Standard size:

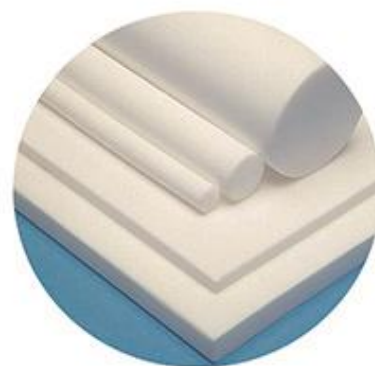
1200X100X75MM /55MM
1220X100X75MM /55MM
1400X100X75MM/55MM
1500X100X75MM/55MM
1524X100X75MM /55MM
1600X100X75MM/55MM
1800X100X75MM/55MM
2000X100X75MM/55MM

Other size is also available with us .
Color:Blue ,red,
black,orange ,green and other
customer color

VII. Other Plastic Products



PP sheets



PTFE Sheets and rods



Nylon sheets and products



PVC sheets



PP Formwork Board

VII. Certificate



IX. Workshop Photos



X. Customer Photos



XINXING products are widely sold to more than 100 countries and regions such as the United States, Canada, Mexico, Brazil, Australia, the United Kingdom, Germany, Poland, France, Belgium, Spain, India, Indonesia, Malaysia, Singapore, Japan, South Korea and Russia.