



DECK DINING

Modular Raised Safety Decks for Outdoor Dining



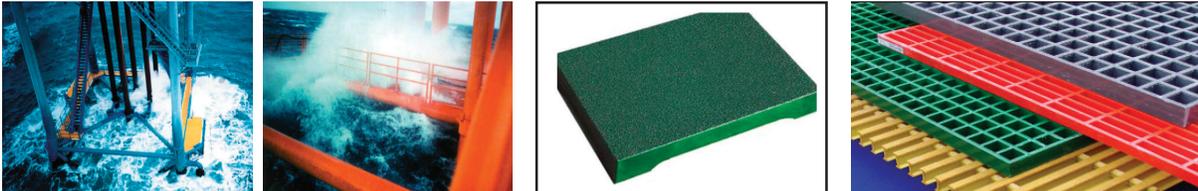
PARKLETSMART



ParkletSmart raised platforms are the center stage to outdoor cafe's and restaurants offering curb level dining and seating. All ParkletSmart decks are fully modular and require no heavy equipment to set up and install. Simply connect the pieces and make a platform as wide or long as needed. All ParkletSmart platforms and railings are manufactured with Fiberglass reinforced polymers that are urethane coated. The surface structure resists most all cleaning chemicals allowing restaurant & Cafe owners to use there preferred cleaners without the worry of discoloration or surface damage.

ParkletSmart decking and rails is a high-strength durable fiberglass material that is light weight and pound for pound stronger than steel. Our FRP systems have been installed in hundreds of offshore oil platforms around the world. You may ask "why would we use industrial materials to build a Parklet?" Building Parklets with industrial strength materials provides guaranteed material sustainability for 60 years unlike any other composite material available today.

FRP composites offer high-end performance at a fraction of the weight and cost of comparable metal materials. Construction, energy, aerospace, and other sectors such as states and port authorities with ocean shores are now replacing docks and other structural steel support systems with FRP.



Industrial Strength Materials

Traditional Custom Parklets
with *FRP wood grain look



Contemporary Custom Parklets
with *FRP wood aesthetics and & modern beam structure



* FRP wood grain look is an aesthetic resin surface treatment that resembles the appearance of wood. Resin aesthetic coatings do not effect the safety characteristics and features of the ParkletSafety system



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CHARACTERISTICS

- 100% electrically non-conductive
- 100% corrosion resistant
- Any RAL Material color throughout product
- Can be manufactured in many colors
- Does not spark when impacted by steel
- 4 to 5 x the lifespan of galvanized steel
- UV stable
- Does not absorb heat
- Weight is 2/3 lighter than steel
- Higher return on investment than steel
- Meets and or exceeds OSHA safety hand rail compliance standards

BENEFITS

- Modular with easy connect base & railings
- Excellent corrosion resistance
- Maintenance Free
- No hot work
- No heavy lift equipment, only standard tools
- Light weight and easy to install
- High strength to weight ratio Pound for pound, fiberglass is stronger than steel
- Reduces overall structure weight
- Increases lifespan of structure
- 60 Year warranty

AVAILABLE IN ANY COLOR

• ParkletSmart is available in all standard RAL colors. Mass tinted means that even if the rail is damaged or scrapped it will always maintain the same color throughout its life span.



MODULAR ASSEMBLY

• Pre-built Ready to install modular assembly with mounting hardware. Lightweight eliminating the need of heavy equipment when compared to steel or composite plastics. Easily adjusts to most all curb heights

SERVICEABLE

• Unlike composite plastics, ParkletSmart FRP can be easily patched and repaired with resin eliminating the need to replace full sections.

SCALABLE

• Extend ParkletSmart decking in length or width, simply by platforms, railings and canopy as per the desired floor plan.



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WOOD & COMPOSITE VS PARKLETSMART

Applications	Wood Decking	Composite Decking	ParkletSmart
Mold often adheres on older and uncapped composited decking, mold shows up quickly and is more difficult to eradicate	Yes	Yes	No, Surface resins resist mold and or can be easily wiped and washed off
Color Fading	Yes	Yes	None
Warping & Shrinking Weakening	Yes	Yes	None
Can be refinished and or repaired	No	No	Yes
Extremely vulnerable to heat creating extremely hot surfaces to the touch	Yes	Yes	No, ParkletSmart decks resist heat and are inert to heat build up due to there glass fiber structure design
Does composite decking smell? Composite Decking is made from plastic most often recycled material. When plastic heats up, it breaks down. Some variants will exude their oils, some will let off gas byproducts, but all of them will weaken over time. Suddenly your boardwalk is very hot, and it smells like burned plastic	No	Yes	No Out-gassing or smell
Will bleach discolor wood or plastic composite decking? Chlorine Bleach is extremely corrosive and will eat away at the deck eventually causing discoloration of the deck damage the surface, and intensify any mold issues that can occur.	Yes	Yes	No, ParkletSmart decks resist most all cleaning chemicals and does not alter the FRP material performance.
Is composite decking vulnerable to chips and gouges? (composite plastics become soft in the heat creating a more vulnerable product prone to damage.)	No	Yes	No ParkletSmart FRP resin is a hard finish, the gel-coat which covers and colors ParkletSmart decks can be tailored to provide greater hardness or more resilience.
Are wood or composite plastics vulnerable to creating splinters?	Yes	No	No
Water Absorption	Yes	No	No
Insect Damage	Yes	No	No



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Applications	Wood Decking	Composite Decking	ParkletSmart
Cost	Typically, wood decking is lower cost to purchase than composites, especially in the initial purchase.	Composite cost more than wood and has a high cost of replacement as composites cannot be repaired only replaced especially when matching new composite to faded materials.	While stainless steel has a lower initial material cost than fiber reinforced plastic, FRP has a lower installation and maintenance cost allowing for a lower life cycle cost overall. Aluminum is comparable in price to fiberglass polymers. FRP can be repaired on site eliminating the need for replacement materials.
Stiffness	Based on application & design, wood must be thick enough to maintain its over all strength	Composite decks will flex and warp, especially in hot environments.	FRP is up to 3.3 times as rigid as timber and will not permanently deform under working load. The modulus of elasticity is 2.8 x 106 psi.
Impact Resistance	Susceptible to rot, splintering and warpage	Susceptible to warpage	Fiberglass will not permanently deform or break under impact like traditional building materials. The glass mat in pultruded parts distributes impact load to prevent surface damage, even in subzero temperatures.
Maintenance	Requires painting and or sanding each year	Composite decking can't be refinished, therefore any scratches and damages may be permanent unless replaced. Cannot be painted even after fading.	If needed, painting and color change can be made including anti skid surfaces such as handicap ramps and other traction requirements



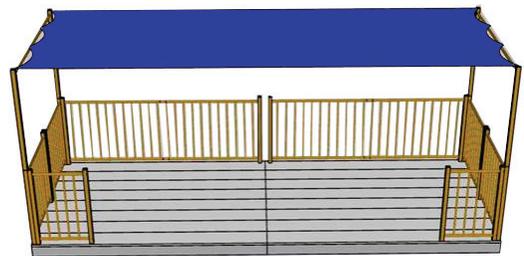
PARKLETSMART MODULAR DECK SYSTEMS



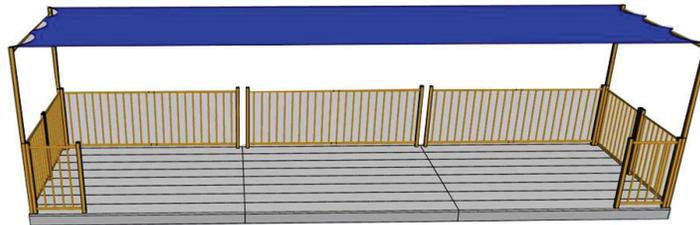
10' x 4'



10' x 8'



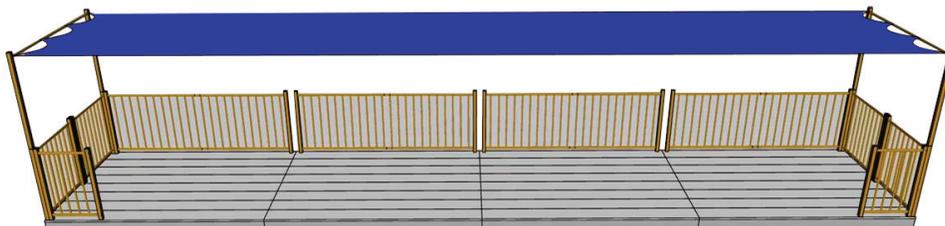
20' x 8'



30' x 8'



35' x 8'



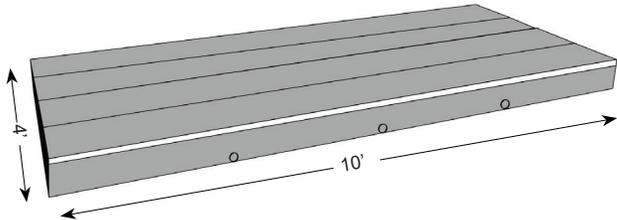
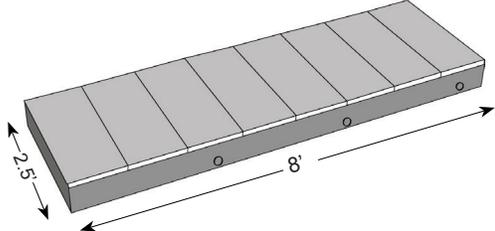
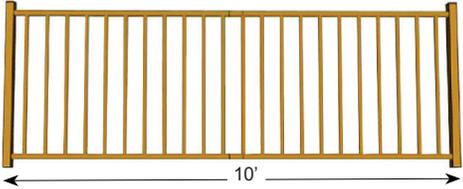
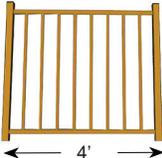
40' x 8'



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SYSTEM MODULES

REF	ITEM NO.	DESCRIPTION	IMAGE
1	12A-PS-410-GRY	4'x10' FRP Frame with plated anti-skid surface grating. Color is gray. Comes with 3 adjustable legs	
2	12A-PS-258-GRY	2.5'x8' FRP Frame with plated anti-skid surface grating. Color is gray.	
3	12A-PS-810-SUN-SHADE-B	FRP with Sun Shade tarp Includes post to insert onto handrail. Includes 4 post and tarp.	
4	12A-PS-HAND-RAIL-10-BRN	FRP 10' long handrail section Color Brown	
5	12A-PS-HAND-RAIL-4-BRN	FRP 4' long handrail section Color Brown	
6	12A-PS-HAND-RAIL-2.5-BRN	FRP 2.5' long handrail section Color Brown	



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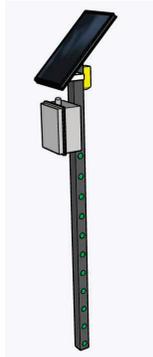
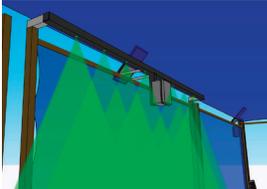
REF	ITEM NO.	DESCRIPTION	IMAGE
7	12A-PS-830-FA	8'x30' Full assembly Includes (6) 4'x10' grating sections (1) FRP Sun Shade Tarp section (3) 10' long handrail sections (4) 4' long handrail sections (2) 2.5' long handrail sections	
8	12A-PS-HWD-38	Hardware Kit replacement kit (16) 3/8 bolt assemblies (16) 3/8 counter sink bolt assemblies	
9	12A-PS-HDW-ACL	Leveling replacement Kit (3) Adjustable Channel legs	



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LED LIGHTING OPTIONS

REF	ITEM NO.	DESCRIPTION	IMAGE
10	12A-PS-LED-UP1	<p>LED upright corner or middle column for exterior or interior ambient lighting.</p> <ol style="list-style-type: none"> 1. Self sustaining illumination system with solar panel and power backup. 2. Full RGB color control 3. Automatic on or manual control 	 
8	12A-PS-LED-RA1	<p>LED right angle bar for exterior or interior ambient lighting.</p> <ol style="list-style-type: none"> 1. Self sustaining illumination system with solar panel and power backup. 2. Full RGB color control 3. Automatic on or manual control 	 
9	12A-PS-LED-UPB1	<p>LED upright post on stand for independent placement in or outside the Parklet platform.</p> <ol style="list-style-type: none"> 1. Self sustaining illumination system with solar panel and power backup. 2. Full RGB color control 3. Automatic on or manual control 	 