

Advanced Recreational Concepts

One source recreational solutions



Company

Advanced Recreational Concepts focuses on supplying traditional and conceptual equipment with a large variety of playground structures and eco-friendly products, taking the park and recreational world to new and exciting heights.

Our main objective is to deliver the best value and unequaled service that not only satisfies, but exceeds our customer's expectations.

Employing a wide variety of design and development techniques, our staff works to the highest care to create budget conscious solutions for our customers. We work hard to receive your business and build your

confidence through supreme service supported by our integrity, respect, teamwork, leadership, innovation, and enhanced performance day in and day out.

We strive to not only supply the best quality products for our customers, but also provide the knowledge and know-how behind them.

We want to extend a helping hand to our new customers, as well as continue the ongoing dedication and pride we take in projects with our loyal customers.

-ARC

COMPANY



ARC Corporate Facility
Melbourne, Florida



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The true object of all human life is PLAY. Earth is a task garden; heaven is a PLAYGROUND!

Gilbert K. Cheserton



INNOVATIVE

Advanced Recreational Concepts always finds new ways of supplying the most creative designs for playgrounds, shelters, shades, site amenities and safety surfacing.



SOCIAL INTERACTION

Our products encourage social gathering, which can improve verbal and emotional skills and raise self-esteem.



ABC
LEARNING

We design and manufacture our products with the goal of opening young minds to new possibilities through exploring, problem solving and play.



PHYSICAL

Physical fitness can be fun and exciting! Physical activity improves motor skills, hand-eye coordination, and overall wellness.



GREEN PRODUCTS

Teaming up with Rubber Designs, ARC supplies products that are responsibly and respectfully manufactured to create a healthier environment.



MADE IN AMERICA

All of our product offerings are designed and manufactured in The United States of America.



ADA
ACCESSIBLE

Advanced Recreational Concepts supplies products accessible to all age ranges and capabilities, allowing children to participate equally.



RECYCLED

Great ideas that are made out of 100% recycled products. Our products are clean, nontoxic, low maintenance, and longer lasting than traditional products.



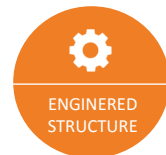
SAFETY

Safety is our number one priority. ARC products meet all ASTM testing requirements and conform to all safety guidelines and standards.



UV
PROTECTION

Our products are designed to withstand all weather conditions and provide shade to prevent conditions which could be harmful such as UV exposure.



ENGINEERED
STRUCTURE

ARC works with the best suppliers and manufacturers who use highly standardized and engineered manufacturing techniques.



COLOR
DESIGN

The sky's the limit when it comes to color design with every product that Advanced Recreational Concepts provides.

1

Playground Equipment

Advanced Recreational Concepts is dedicated to providing the highest quality and most innovative playgrounds. From stainless steel systems to recycled plastic play equipment, we have everything to make your playground project a reality.



2

Shade Structure

Our shade structure systems have everything necessary to protect you from the elements. We are committed to providing protection from the harmful UV rays of the sun as well as other extreme and hazardous weather conditions.



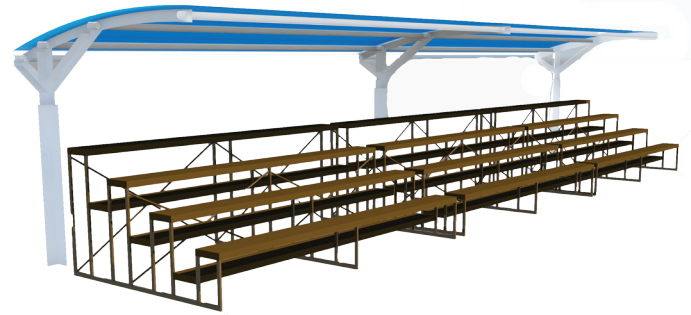
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Pavilion/Shelter

Our open space structures are engineered for public spaces and provide the community a mix of modern and classic styles by blending clean lines and state of the art technology.



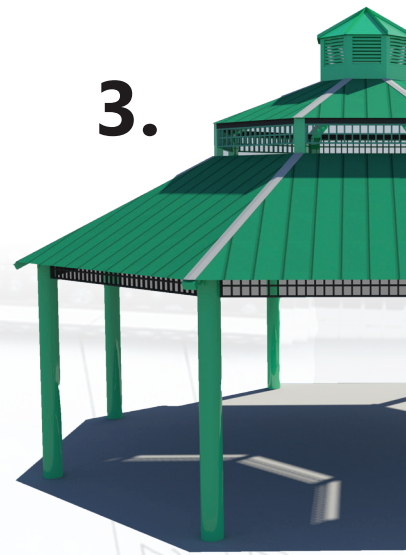
2.



1.



3.



4

Site Amenities

Providing site amenities that are safe, functional, and stylish at affordable prices. From simple picnic tables and park benches to more complicated dog park obstacle courses and tuned musical playground instruments, we can make it happen!



5

Water/Athletic Equipment

Supplying original aquatic playground products and athletic equipment with the highest possible safety standards in the industry, ARC promotes a healthy lifestyle with the best ways to stay in shape.



6

Safety Surfacing

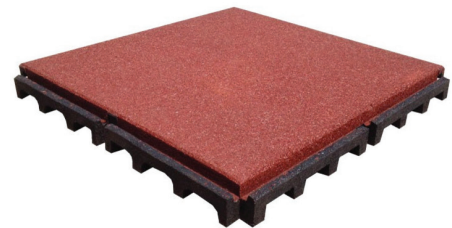
It is all about safety. Teamed with Rubber Designs, ARC provides the highest quality and most durable safety surfacing available today.



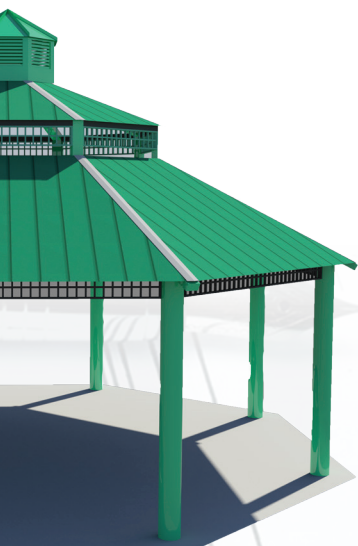
4.



6.



5.



5 EASY STEPS FROM

STEP 1 RELATIONS

Building a true relationship with our customers is how we like to do business. Advanced Recreational Concept's project managers take the time to meet face-to-face in order to learn and understand your needs. We will guide you through the process and help you make budget conscious decisions, finding the right products and solutions for your project specifically.

STEP 2 DESIGN

Our highly skilled design team uses measurements, history, Google Earth and photographs to design a 2-dimensional layout of the project site. Upon approval, the design team creates a 3-dimensional rendering of the site. This serves as an accurate visual representation of the completed project. You can actually see the finished product before installation begins.

STEP 3 ESTIMATING

A comprehensive estimate is vital to the success of any project. Our estimating department has a great understanding of the construction practices and procedures of each and every product we offer. After gathering the necessary information, the estimation department determines the full project scope with pricing of products and equipment to keep the project within the budget requirements.

STEP 4 INSTALLATION

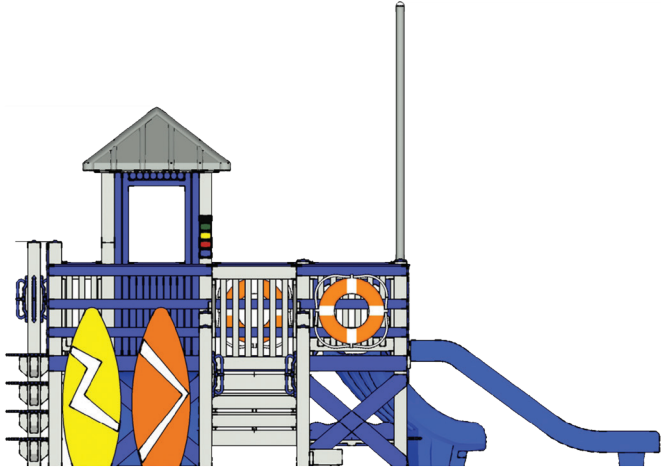
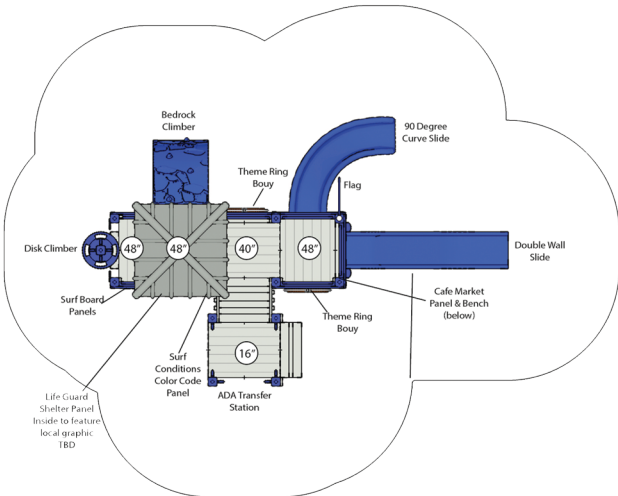
Partnered with Play Space Services, our installation team is certified and experienced with each of our product lines. Sit back and let the experts bring your ideas to life.

STEP 5 PLAY

At Advanced Recreational Concepts, we get our satisfaction from bringing joy and happiness to you and your family through the world of PLAY!

CONCEPT TO PLAY!

2D CAD LAYOUT



3D CAD LAYOUT



COMPLETED PROJECT



Playground Equipment



Advanced Recreational Concepts is dedicated to providing the highest quality, cutting-edge playgrounds. We create unique park and play environments that stimulate the curiosity of children, encourage creativity through socialized play, inspire childhood imagination, and promote physical fitness.

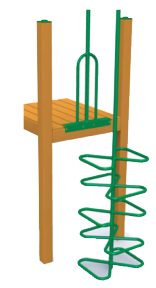
TRANSFER STATION

Use the transfer station to enter and exit the playground. These steps face an easy access point and provide an extra level of safety.



BRIDGES

Choose from a variety of bridges. ARC offers a range of colors and designs to maximize fun.



CLIMBERS

Climbers are an adventurous way to enter and exit and promote physical activity.





PANELS

In multiple color combinations, panels encourage interactive play to keep young minds growing.



PLAY ADDITIONS



TUNNELS

Tunnels are a great for the explorers. Tunnels can be suspended, or ground level.

SLIDES

You can't have a playground without a slide! Hands down the best way to exit a playground after a hard day of play.

BOULDERS

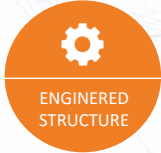
Boulders are free standing play equipment and come in all shapes and sizes.



Shade Structures

SHADE STRUCTURES

9



We know the weather can be unpredictable. Advanced Recreational Concepts provides a solution to extreme weather conditions in the form of shade structures.

Working together with manufacturers, we bring you the latest in design and comfort. Shade structures come in all shapes, sizes, and colors.



UV PROTECTION

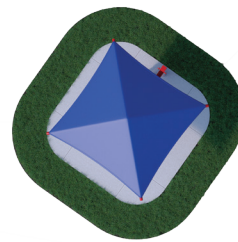
Unprotected exposure to the sun's rays can lead to sunburn, premature aging, and increase the risk for skin cancer.

COOL DESIGN

All shade structures supplied by Advanced Recreational Concepts are unique in design.



3D DIAGRAM





WELL ENGINEERED

Our shade structures are individually crafted to create a perfect fit for your project specifically.



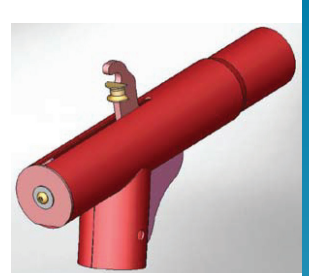
COMFORT

Don't sweat it. Your playground is protected and provides protection from the elements.



EASY INSTALLATION

Each shade structure is designed for easy, no-hassle installation and can be installed in little to no time.



QUICK RELEASE SYSTEM

The quick release system allows you to simply take the shades down for maintenance.

UV PROTECTION



SHADE SHAPES:



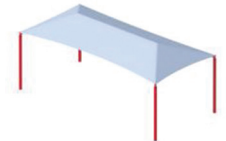
HEXAGON



SQUARE SINGLE

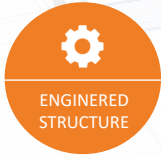


SQUARE



RECTANGLE

Shelters/Pavilions



Advanced Recreational Concepts creates community open space structures engineered specifically for public spaces to enhance quality of life and bring family and community together. Our structures provide protection from UV rays, rain, snow and hail so you can enjoy the outdoors comfortably.

PAVILION MATERIALS

- NOA approved roofing
- Signed and sealed drawings
- Custom lattice and column
- Wind load calculations
- Standing seam
- Precut metal
- Tongue and groove
- Surfacing mount
- Permitting
- Lighting protection

SHELTER
BY SUPERIOR RECREATIONAL PRODUCTS

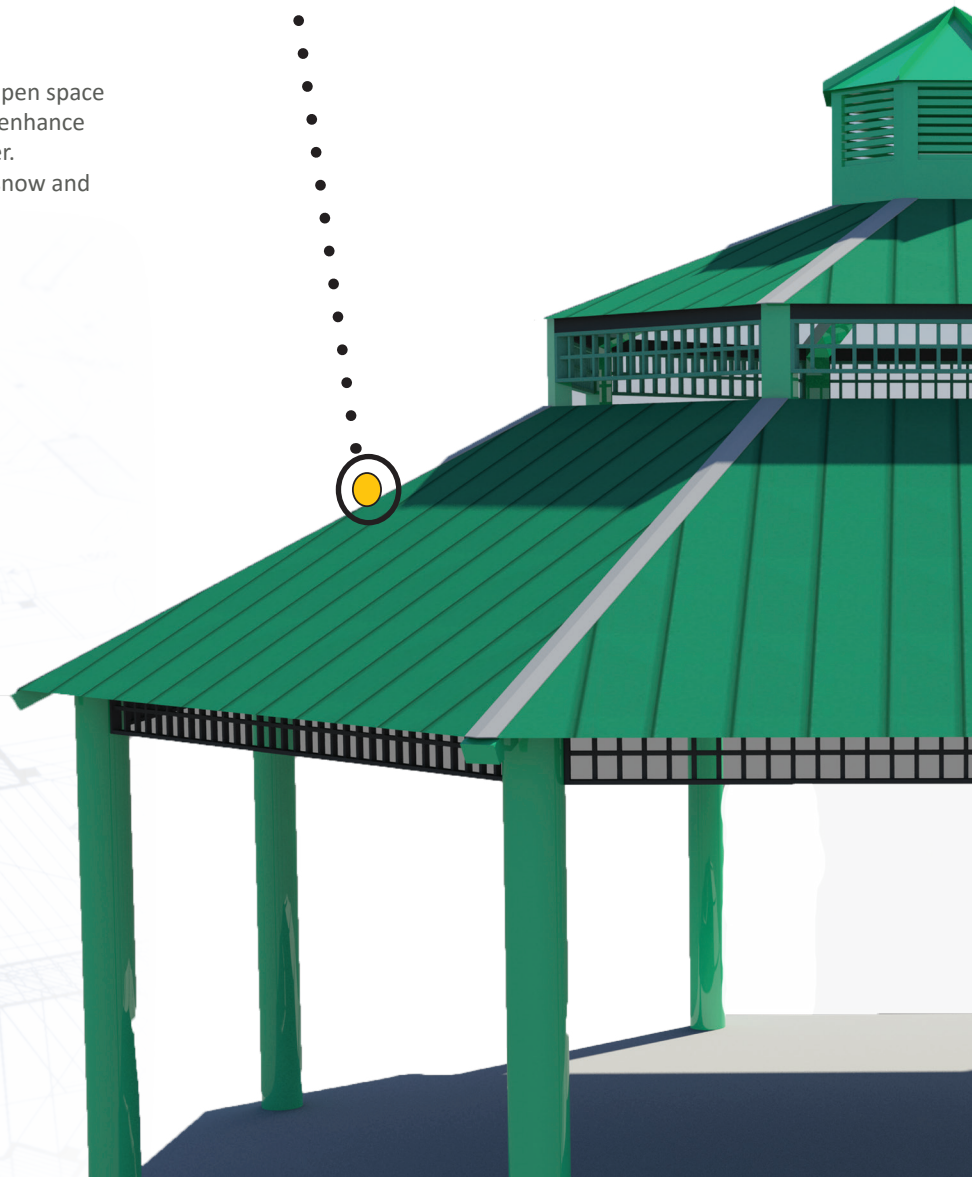


Open Band Shell Amphitheater



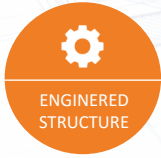
Square Duo Top Shelter

For our open space structures, we use a factory controlled powder coating paint that looks great and eliminates the need to repaint after installation. All components are precut and pre drilled to allow for a smooth assembly, reducing the need for expensive cranes and equipment. All structures are manufactured from recycled aluminum and steel.



Site Amenities

SITE AMENITIES



Implementing the newest designs and creative thinking, Advanced Recreational Concepts has an enormous range of site amenities.

We supply picnic benches, sports field equipment, receptacles, recycling bins, bike racks, bollards, planters, shade furnishings, dog park obstacle courses, athletic equipment, musical playground equipment and custom projects.

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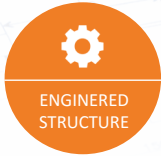




ARC offers tuned musical playground instruments designed with acoustic precision and perfect tone, providing musical fun for all ages. Not simply noise-makers, these are interactive works of art!

Water/Fitness Equipment

WATER/FITNESS EQUIPMENT



15

ARC teams with Water Splash and My Splash Pad for our water layout design projects. Water Splash provides the best in splash pads, spray park equipment and water play products with their zero-depth concept.



Our circulating water system creates a sanitary play space and ensures a safe and clean place to cool off.

With sleek lines and sophisticated engineering, our aquatic playground products are functional works of art.





Advanced Recreational Concepts promotes health and wellness by providing a large variety of innovative fitness equipment.



Design Planning

There are a few key points to consider when designing your playground:

- Age range(s) you would like to accommodate
- Types of play events and materials you would like to incorporate
- Types of play events that you DO NOT want to incorporate
- Levels of ADA accommodation to implement
- Site furnishings desired
- Safety surfacing and curbing desired

Defining Age Range:

Evaluating the expected age ranges of children on the playground is vital when selecting activities that will provide the appropriate levels of challenge and entertainment. Playgrounds can be designed for ages 2-5, ages 5-12 or all ages.

Types Of General Play Events:

Because children differ in the activities that they choose to engage in during play, the playground should offer a variety of play activities and zones. A predesign discussion about each zone generates unique and situationally responsive playground designs.

Accessibility:

The ADA clearly defines the standards a playground site and equipment must meet. We adhere to all ADA standards with ramp and curb access to our playgrounds.

Site Furnishings:

A complete playground environment should include, at a minimum, adequate seating for adults. In addition, trash receptacles and shade systems may be included in your design.

Surfacing:

Safety surfacing must meet ASTM testing requirements for falls. Approved safety surfacing includes engineered wood fiber, loose rubber buffing, rubber tiles, poured-in-place rubber buffing, poured-in-place EPDM, and synthetic turf.





Siesta Keys Beach
Sarasota, Florida

We offer **ONE SOURCE** turn-key solutions for today's highly technical playground and construction business. Whether you need a certified installer or have a demand for after-market playground maintenance services, Advanced Recreational Concepts is simply the best in the business by offering comprehensive project management that is backed by full service warranties.

If you plan to have a shelter installed, retrofit an existing play area, relocate structures, or you are unable to find replacement parts for an existing playground call our team of professionals at Advanced Recreational Concepts.

Operated with full integration of Play Space Services, Inc., Advanced Recreational Concepts' customers benefit from 20 years of certified first rate construction, customer service experience and product knowledge. Owners of Play Space Services and ARC are known for and credited as being the founding fathers of the NPCAI, International Playground Contractors Association.

Play Space Services and Advanced Recreational Concepts are tops in the playground business.



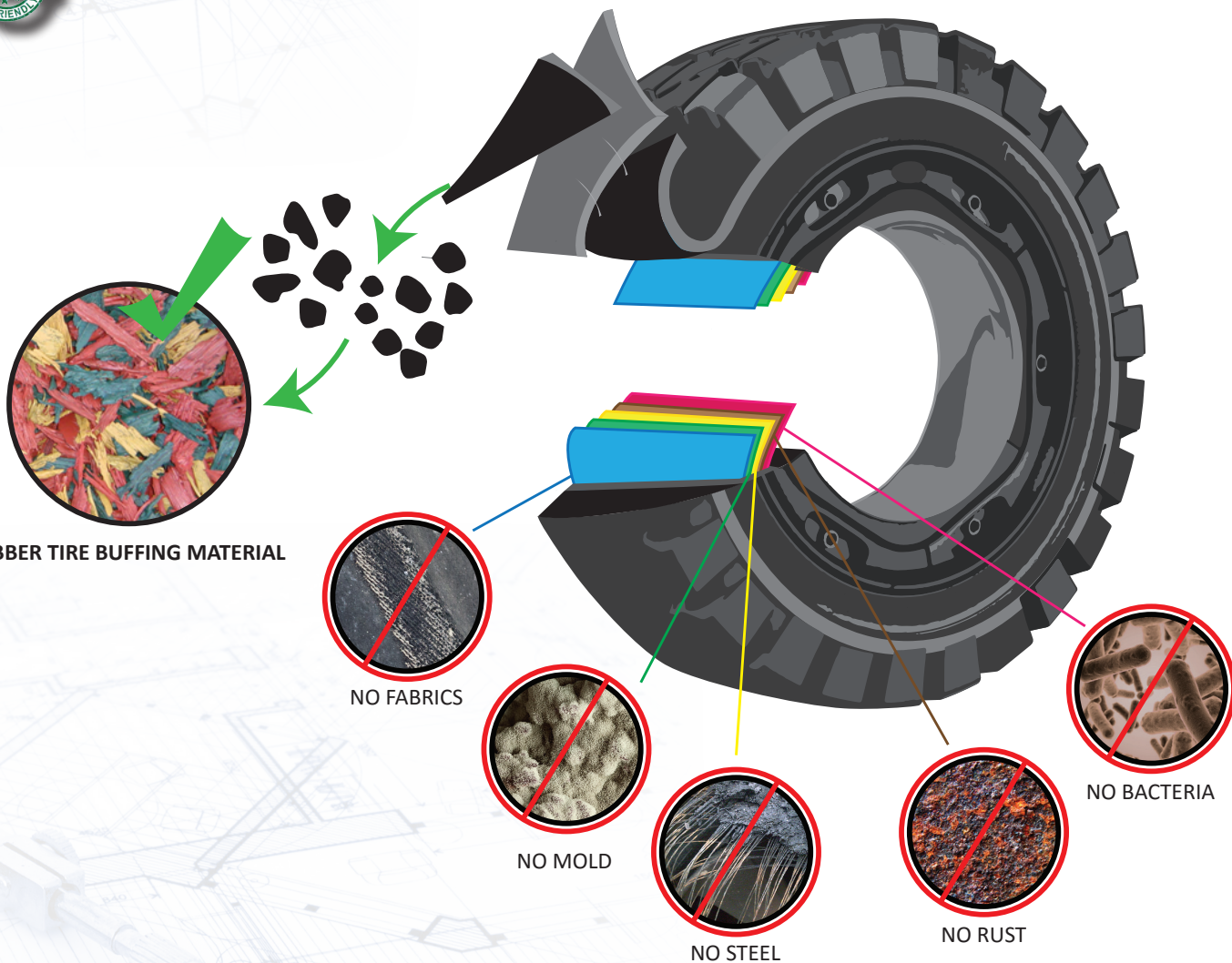
Safety Surfacing

What is Rubber Buffing?

Here at ARC, we do NOT use whole-tire recycled rubber for our products, and for good reason!

Whole-tire recycled rubber contains steel and shreds of fabric which can be harmful when incorporated into a play-ground setting. The fabric attracts mold and mildew and even from an aesthetic standpoint, typical whole-tire recycled rubber product loses color, stains clothes and hands.

The extra care we take in the production of our recycled rubber products places us a cut above the rest.



RUBBER TIRE BUFFING MATERIAL

Our recycled rubber buffing is taken from the outer layer of large commercial tires. By using only the outer layer, we keep all undesirable elements such as fragments of steel out of our product. This ensures product safety and produces a more uniform look and feel.

As the tire is spun at a high speed, the outer layer is shredded off and collected, creating the soft and safe rubber buffing we use in our recycled rubber product offerings.

With our unique, organic powder color coating combined with our formulated polymer, our colors won't rub off or stain.



Recycled Rubber Mulch

Rubber Designs Loose Fill Rubber Mulch is made from recycled tire buffing and is especially popular as a ground cover for playgrounds due to its soft and springy bounce. Properly installed rubber mulch requires little maintenance and can last for 10 or more years, whereas wood mulch is generally replaced each year. Our loose fill rubber mulch allows water and fertilizer applications to pass through to the soil and does not attract insects, protecting your playground from pests.



NO FABRICS



NO MOLD



NO STEEL



NO RUST



NO BACTERIA

PARTICLE SIZE - Rubber Designs raw material originates as 100% recycled commercial waste stream rubber called OTR buffing. A buffing sieve analysis is performed prior to the materials being colored and bagged. We selectively classify our recycled buffing material, and carefully sort particle sizes ranging from 3/8" to 2". It is necessary to have the right combination and proportionate particle sizes so the finished product weaves and knits together by design.

COLORIZATION - Rubber Designs rubber buffing material is colored using our organic powder color coating methods that will not delaminate over time. Rubber buffing, once colored, is sealed with our formulated polymer wetting agent, bonding the pigments definitively into each and every particle. Once fully blended, color types are proportionately mixed together and bagged for delivery.

Available in these blends and single colors:



Original Turf
(mix of red/green/yellow)
RATB601- 50lb



Rustic Turf
(mix of red/brown)
RUTB611- 50lb



Jungle Turf
(mix of red/brown/yellow)
JUTB621- 50lb



Red



Green



Brown



Yellow



Cypress



Rubber Designs Better for the earth. Better for you.

Interlocking Rubber Safety Tiles

The introduction of our Rubber Designs Interlocking Rubber Safety Tiles marks our latest and boldest efforts to set the standard for playground safety. Our decision to engineer a product to comply with stringent benchmarks is based on the simple premise that every child deserves to be safe on the playground.

Interlocking safety tiles are an alternative safety surfacing and have been tested for all required fall height attenuation and exceed ASTM and CPSC guidelines. Our safety tiles are easy to maintain, will not mold or mildew, and resist fading. These tiles are not only aesthetically pleasing, but offer a simpler way to repair and maintain high traffic areas. Rubber Designs Interlocking Rubber Safety Tiles are available in various sizes and colors, including EPDM colors, so let your creativity run wild! We offer standard and bevelled edges and will help determine which base or subsurface will work best for you and your budget.

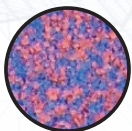
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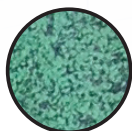
Available in these blends and single colors:



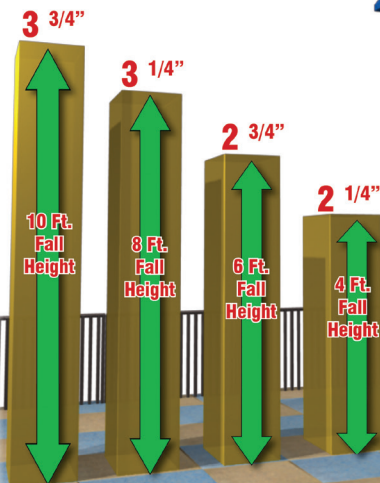
100% Standard
One standard buffing color

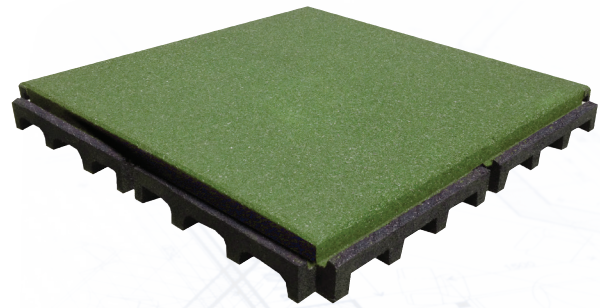


100% EPDM
Up to three standard colors



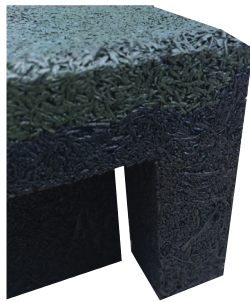
50/50 EPDM
50% Black
50% Standard color



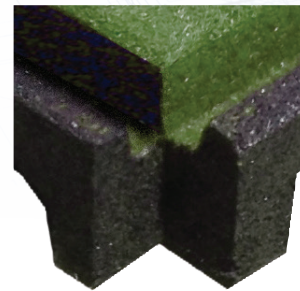


SAFETY - Inspired by architectural arches, the bottom of our Rubber Designs Interlocking Safety Tile provides structural surety related to gradual loss of intensity for fall height situations in different field conditions and temperatures. Its unique design provides a strong and stable footprint while providing excellent shock absorption and load dispersion.

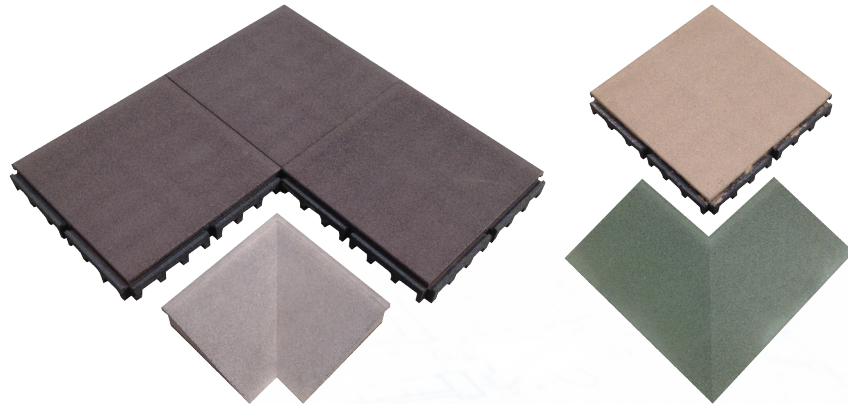
INTERLOCKING SYSTEM - Our interlocking tiles contain a locking mechanism on all FOUR sides of the tile. This provides stability along the entire perimeter of the tile. This mechanism helps prevent movement or shifting of our tiled surface and helps eliminate failures between tiles where gaps have traditionally allowed debris to settle, causing the tiles to curl.



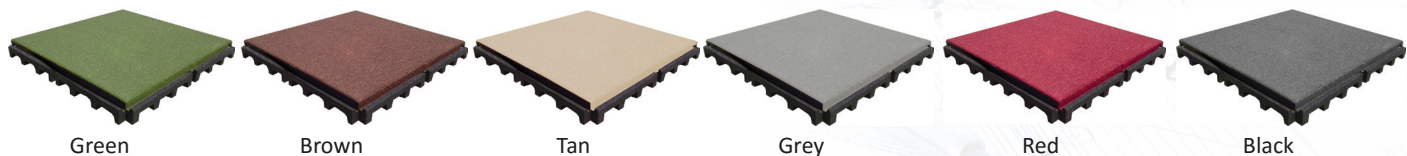
EASY INSTALLATION - Rubber Designs Interlocking Safety Tiles have a built-in alignment foot that makes installation a breeze. Use the alignment foot during your installation to eliminate marginal error by achieving straighter lines for easy install.



FULL SET OF ACCESSORIES - We provide a full set of accessories. Inside corners, outside corners and transitions allow you to make perfect 90 degree angles without the guess work. All accessories are 14" wide as opposed to our competitors 8" wide.



Standard buffing top colors:



Green Brown Tan Grey Red Black

Standard EPDM color choices: (maximum 3 colors)



Blue Green Yellow Black Teal Purple Orange Mid-Grey
 Red Mid-Brown Light Grey Light Blue Gold Eggshell Dark Blue Cocoa Beige



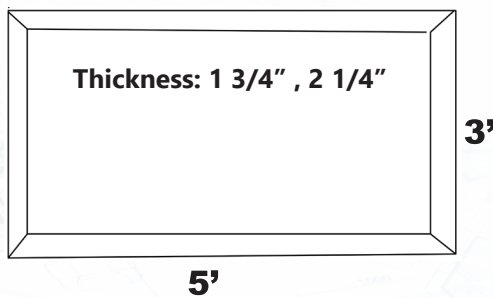
Swing Safe Mat



Rubber Designs Swing Safe Mats are bevelled mats manufactured from recycled rubber tire buffing in a single density fabrication. Our swing mats are recommended for use in conjunction with any loose fill playground surfacing where loose fill surfacing gets kicked out or displaced under the swing or in high traffic areas. Rubber Designs Swing Safe Mat enhances the safety capabilities and helps keep maintenance to a minimum. Our swing mats weigh about 135lbs, which helps to make them vandal safe, and also gives them the needed stability for aggressive and high traffic play areas. The bevelled edge prevents tripping and allows the mats to be buried either partially or completely without presenting a hazard. Rubber Designs Swing Safe Mats are a must when safety is a priority.

Swing Mat Specifications:

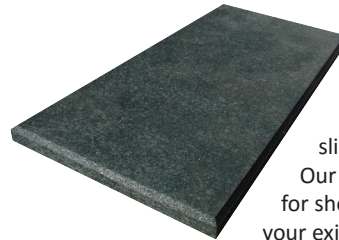
Weights:
 1 3/4" = 100 lbs
 2 1/4" = 122 lbs



**1/2" Wide Bevel
 45 degree**



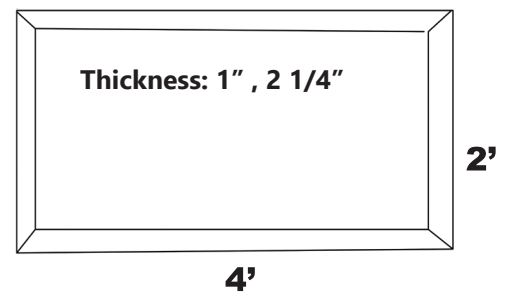
Slide Mat



Rubber Designs Slide Mat is manufactured from 100% recycled tire buffing. They are wheelchair accessible and are set at the bottom or base of any slide for a consistent soft landing. Our slide mats provide extra protection for shock absorption on top of or under your existing loose fill surfacing. The Rubber Designs Slide Mat enhances the safety capabilities and helps keep maintenance to a minimum. The bevelled edge allows the mats to be buried either partially or completely without presenting a hazard and preventing tripping.

Slide Mat Specifications:

Weights:
 1" = 33 lbs
 2 1/4" = 65 lbs



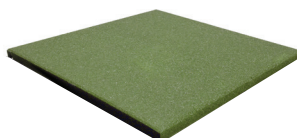
**5/8" Wide Bevel
 45 degree**



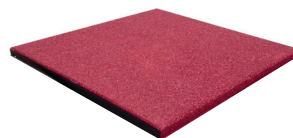
Both the Swing and Slide Safety Mats are available in these colors:



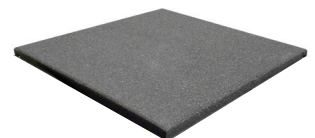
Brown



Green



Red



Black



Flex Curb

Made of 100% recycled tire buffing, Rubber Designs Flex Curb is the perfect solution for surfacing containment in any play or recreation area. Our curbing is flexible enough to allow you to design your area with the least amount of surfacing, making any project more cost effective where curves and bends are not feasible with traditional landscape timbers.

Rubber Designs Flex Curb is a great way to not only keep your mulch secure within your space, but to give your space that "CURB" appeal. Our flexible curbing design is compatible with any and all surfaces, giving your space a more finished appearance.

Contains attenuation properties, exceeds ASTM guidelines for fall heights and is slip-resistant.



8' length



- 4" x 4" x 8' = 33 lbs
- 6" x 6" x 8' = 67 lbs
- 6" x 8" x 8' = 68 lbs
- 8" x 12" x 8' = 112 lbs

Turf Flex Curbs are available in these colors:

Brown



Green



Red



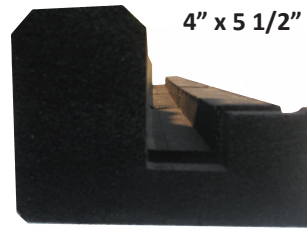
Black



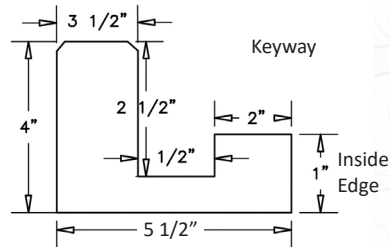
J-Curb

Rubber Designs J-Curb is designed for the use in conjunction with Rubber Designs Poured-in-Place Safety Surfacing and synthetic turf products. The compacted aggregate will finish flush with the inside edge of the J-Curb. The poured-in-place product or synthetic turf will cover the inside edge and roll down the keyway. This keyway allows the poured-in-place product or synthetic turf to be held securely to the curves, shapes, and bends.

Rubber Designs J-Curb is the perfect solution for any pour-in-place surfacing containment.



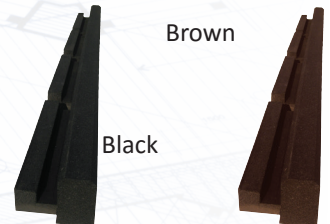
4" x 5 1/2" x 7' 9" = 42 lbs



J-Curbs are available in these colors:

Brown

Black





Rubber Designs
Better for the earth. Better for you.

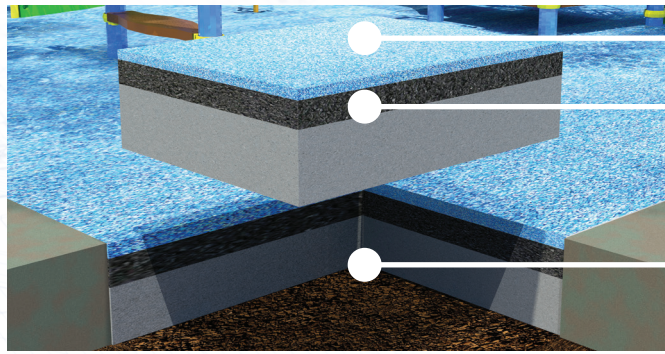
Poured EPDM Safety Surfacing

Rubber Designs EPDM Poured-in-Place Safety Surfacing is our most versatile playground safety surfacing offering. It is a unitary surface that is seamless, functional, and aesthetically pleasing. When applied to critical fall height zones, our EPDM safety surfacing conforms to the guidelines set by the CPSC for use in and around playgrounds.

The system consists of two layers. The first layer is the base layer (cushion course) or the impact attenuation layer. This consists of shredded tire buffings from 100% waste stream content. The second layer is the wear layer (wear course). This usually consists of EPDM granules that act as a barrier between kids and the cushion course.

Rubber Designs EPDM Pour-in-Place Safety Surfacing is applied in various thicknesses determined by fall height requirements for use in playground projects and is also used in other recreational environments as a non-slip surface for pool decks, walk paths, and water features in fun parks.

Each project is a unique application. Our highly trained and experienced installers can create nearly any shape, size, and colored surface as custom inlay designs become a part of your surfacing project. EPDM can be ordered and fully installed by the square foot or as raw materials for installation by your own crew or subcontractor.



- Wear course**
(1/2" EPDM top)
- Cushion course**
(Varying depths depending on fall height requirement)
- Sub-base**

EPDM standard color choices:





Synthetic Turf Safety Surfacing

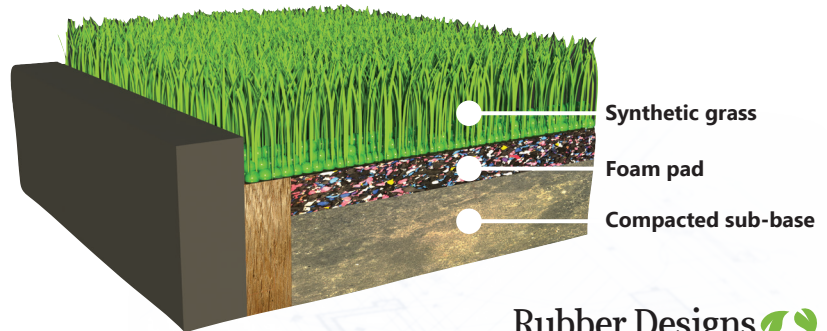
Now offering synthetic grass as a realistic looking synthetic turf, Rubber Designs Synthetic Turf Safety Surfacing is made with 20% more fiber than our competitors, creating a more durable and natural looking grass.

Rubber Designs Synthetic Turf is engineered for climates where an almost constant barrage of sunshine and UV rays require additional UV stability. All varying heights are tufted into 2 layers of backing, polypropylene as the primary backing, and urethane as the secondary coating with standard perforations for drainage. Rubber Designs recommends the use of infill in all turf products as it will enhance both the visual aspect as well as the performance characteristics, including durability.

Our synthetic grass line has proven to be an ideal lawn choice for projects large and small. We provide our customers with the highest quality products available on the market today.

Features:

- 15 ft wide rolls at desired pile height with a minimum order of 1'x15' section of turf
- 3D cool fibers, dual color blades that are UV stabilized to keep colors natural and fresh, wheat thatch for a natural appearance
- Indoor/outdoor use for pet areas, RV areas, difficult to grow areas, game rooms, patios, poolside and more
- Will not stain or hold odors from pets or chlorine
- Residential and commercial uses
- Turf can be easily cut from the backing to carry into place prior to installation
- Incredibly soft, non compression blade spine



Rubber Designs 
Better for the earth. Better for you.

Engineered Wood Fiber



Engineered wood fiber is a popular choice for projects with initial budget constraints. Newly installed engineered wood fiber will form a “knitted” layer that is designed to support a variety of mobility devices including wheelchairs, crutches, and walkers.

Ongoing raking and occasional replenishment will help ensure correct material depth for compliance with safety and accessibility guidelines.

Features:

- Provides superior fall protection
- Best choice for budget conscious projects
- Easily installed
- Attractive and natural look

 **BOLLING FOREST PRODUCTS**

 **INNOVATIVE MULCHING**



Rubber Designs
Better for the earth. Better for you.

Bonded Pour-In-Place Rubber Mulch

Rubber Designs Poured-in-Place Safety Surfacing is a one step pour that provides a cost-effective, long-lasting, safe, and durable option for any playground or park setting.

Our bonded poured-in-place safety surfacing is a single layer system that can be poured in various thickness depending on the fall height of the equipment and offers the convenience of a one day installation.

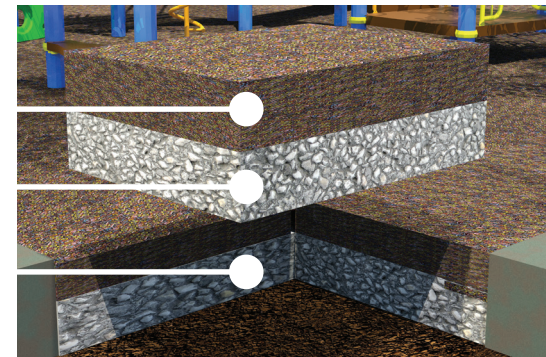
All of our safety surfacing offerings have shock absorbing properties and are in accordance with the procedures outlined in ASTM F-1292-96 and ASTM F-1951-99, conforming to standard specifications for impact attenuation of surfaces under and around playground equipment.

Rubber Designs Poured-in-Place Safety Surfacing offers a seamless, anti-fatigue surface that is perfect for any playground, also a great low-maintenance landscaping option.

PIP Mulch

Sub-Base

Sub-Base

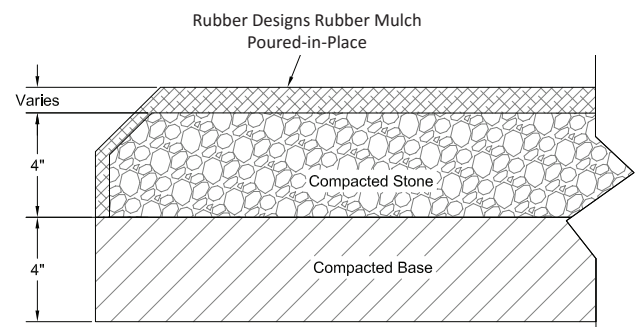


Rubberized Trail and Pathway System

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Rubber Designs Rubber Trails is a 100% recycled rubber surfacing made from recycled tire buffing. It is a custom design application of our Rubber Designs Loose Fill Rubber Mulch in a permanent polyurethane adhesive that is designed to offer pedestrians and joggers good traction and shock absorption with its low-impact, firm rubber surface.

Our rubber trails provide a safer and more attractive option durable enough for strollers, wheelchairs, bicycles and light duty vehicles making it a spectacular choice for zoos, amusement parks, corporate parks, state and city parks, senior centers, and any other high traffic outdoor pedestrian areas.

Rubber Designs Rubber Trails adhere to, and exceed, procedure CRI TM-101 (a wear retention testing of 20,000 foot traffic counts) with no change to the appearance or dispersion.

Safety Warranty



Our highly experienced engineering team continually develops new products while refining existing ones with the latest materials and CAD/CAM computer-aided drafting and manufacturing technology. After design and fabrication, each new product is tested for conformance with safety and performance standards for public playground equipment by the American Society of Testing Materials International (ASTM F1487) and the U.S. Consumer Product Safety Commission (USCPSC).

All of our products meet or exceed the design and safety guidelines found in the ASTM F1487 and USCPSC publications for playground equipment designed for public use.



The United States Consumer Product Safety Commission (USCPSC) is charged with protecting the public from unreasonable risks of serious injury or death from more than 15,000 types of consumer products under the agency's jurisdiction. The USCPSC is committed to protecting consumers and families from products that pose a fire, electrical, chemical, or mechanical hazard or can injure children. The USCPSC's work to ensure the safety of consumer products - such as playground equipment - contributed significantly to the decline in the rate of deaths and injuries associated with consumer products over the past 30 years. The USCPSC's Handbook for Public Playground Safety is a key reference tool for the playground industry, including specifications for the use of playground equipment and recommendations concerning age-related designs and play components.

CSA International is a Nationally Recognized Testing Laboratory (NRTL) accredited by OSHA and ANSI in the United States and by SCC in Canada. CSA International tests and certifies products following standardized test protocols in laboratories across North America. As a solutions-oriented organization, CSA works in Canada and around the world to develop standards that address real needs, such as enhancing public safety and health, advancing the quality of life, helping to preserve the environment and facilitating trade.



Every product we supply/manufacture is designed with safety, quality and value in mind. TUV Product Service, an international testing and certification organization, is a European Union Notified and Competent Body providing services which include product testing and certification.

We also offer a wide range of accessible equipment designed to meet the latest guidelines developed by the Federal Access Board. For detailed information on these guidelines, please feel free to contact us at 1-800-333-8519. You can also contact the U.S. Architectural and Transportation Barriers Compliance Board at 1-800-872-2253 or visit them online at www.access-board.gov



The American Society of Testing & Materials International (ASTM) is one of the largest voluntary standards development organizations in the world, a trusted source for technical standards for materials, products, systems, and services. Known for their high technical quality and market relevancy, ASTM standards have an important role in the information infrastructure that guides design, manufacturing and trade in the global economy. In 1993, ASTM published Standard Consumer Safety Performance Specifications for Playground Equipment for Public Use, designated as F1487-93. The standard was reprinted in 1995 and 1998 and revised in 2001, 2005, 2007 and 2011 with the new designation F1487-11. The ASTM establishes minimum acceptable performance specifications for everything from access components to surfacing.



Our manufacturers are members of the International Play Equipment Manufacturers Association (IPEMA), a member-driven organization whose mission is to assist in providing safe environments for children's play. In the interest of playground safety, IPEMA provides a Third Party Certification Service whereby a designated independent laboratory validates a manufacturer's certification of conformance to ASTM F1487 (excluding sections 10 and 12.6.1) Standard Consumer Safety Performance Specification for Playground Equipment for Public use and CSA-Z614 Standards.

Please understand that development of new and existing products and certification of these products is an ongoing process. For a list of our currently IPEMA CERTIFIED products, please visit the IPEMA website at www.ipema.org or visit our website at www.playcraftsystems.com.



Advanced Recreational Products offer a wide range of accessibility equipment designed to meet the latest guidelines developed by the Federal Access Board.



Advanced Recreational Concepts is a qualified contractor of the International Playground Contractors Association.



Advanced Recreational Concepts is proud to be a member of the FRPA, Florida Recreation and Park Association.



Advanced Recreational Concepts is a minority owned business and is certified through various programs such as HUBZone, SBA Program, and the GSA (US General Services Administration).

Inspection and Safety Testing

Playground Inspection

Is your playground safe?

Playground inspection and safety testing are important for two reasons:

1. Help to keep your playground safe
2. Help to protect your organization legally by maintaining a standard of care for your playground

Advanced Recreational Concepts will perform a playground inspection or safety evaluation on your current playground equipment. We employ CPI's (Certified Playground Safety Inspectors) that can come to your site and audit or evaluate your playground to ensure compliance with current safety standards.

The playground inspection or safety evaluation provides you with a complete post inspection safety report of all items inspected for compliance to CPSC & ASTM guidelines. The report includes relevant safety standard information, an inventory, with pictures, of all equipment in the play area, written reports with photographic documentaion of non-compliant items, categorized by the severity of the safety concern, and recommendations of how to resolve any safety violations.

Upon request, we will conduct presentations for your staff on playground maintenance and hazard identification.

Our Playground Safety Inspectors conduct playground safety inspections in Florida and other parts of the country for all public and commercial institutions which include: school systems, private schools, daycare centers, homeowners' associations, and other organizations. We offer inspections, safety services and consulting for all types of playground issues. We have years of experience designing Parks and Recreation facilities including play areas and play equipment and we are fully insured for all of the services that we offer.

Playground Inspection Benefits:

- Identify and help reduce risk
- Avoid lawsuits
- Limit organization's liability
- Ensure the safety of children
- Peace of mind
- Maintain standard of care
- Reduce number of injuries
- Easy to understand report with detailed photos

It is vital that playgrounds are inspected frequently and maintained with a regular maintenance program. Playground Safety Regulations require all public and playground owners to include a program for regular inspections and maintenance of their playgrounds. These inspections assure that the playground equipment continues to stay within compliance. A frequent playground safety insepction program should be determined by evaluating the usage of the playground and climate conditions. We offer Playground Inspection Plans tailored to your needs.

If you do not currently have a frequent playground safety inspection program, we would be happy to help you develop a program to help you stay within compliance.



Surface Drop Test

Don't just take their word that your surfacing is ASTM compliant...

ASK FOR PROOF!

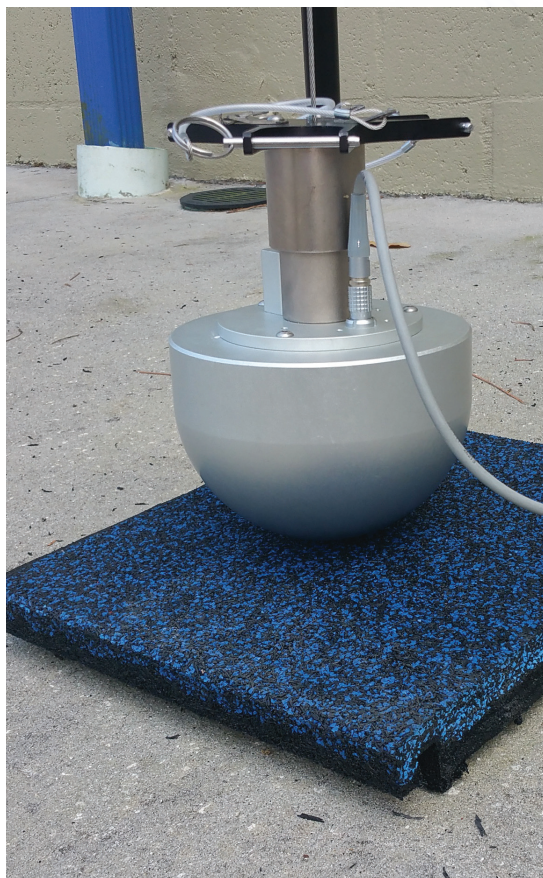
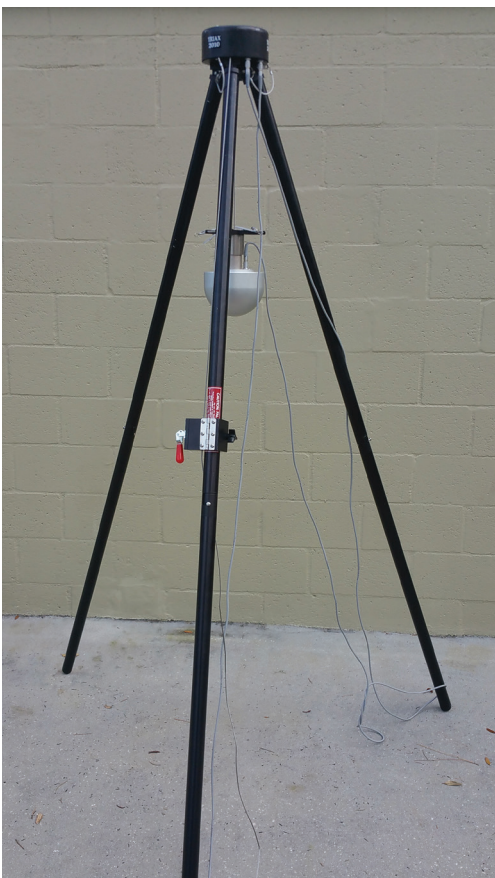
Thousands of children are injured each year on playgrounds throughout the world. In the US, approximately 200,000 children are injured annually and about 70% of these injuries involve a fall to the playground surface. Choosing the right surfacing can help prevent potential injuries.

Using the Triax 2000, Rubber Designs will conduct impact attenuation testing on any rubber surface to ensure that your surfacing is meeting required guidelines. The test normally takes 1 1/2 hours per play area.

What is impact attenuation? All surfacing used in play areas must comply with the requirements of ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems under and around playground equipment. Man-made surfacing materials like engineered wood fiber, poured-in-place surfacing, rubber tiles and loose fill rubber products are to be lab tested for impact attenuation. The lab test will indicate the critical height that the product protects. Specific thicknesses, or depth of material, will be listed for specific critical heights. When purchasing these products, be sure to select one that will protect children from a fall equal to or exceeding the fall height of the equipment.

How is impact testing done? ASTM F1292 requires that at least three impact sites be tested in each play area. The Triax 2000 tripod is dropped from the fall height of the play equipment three times at each impact test site. The test results from the drops at each site are averaged and recorded. The head form of the Triax 2000 is attached to a hand held device that records the G-max and HIC values of each drop.

The G-max is the maximum deceleration of gravity. The HIC is Head Impact Criteria or the measure of impact severity and duration. The G-max reading must be less than 200 and the HIC reading must be less than 1000.







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