



by  SCS Certified.

PlayGuard is FloorScore Certified for Indoor Use

At ECORE, manufacturer of PlayGuard Safety Surfacing, we accept responsibility for our products and processes. However, we also offer the following third party certification information as a testament to our quality, environmental standards, and product safety. We are proud that our PlayGuard Safety Surfacing has earned FloorScore certification for indoor applications.

The FloorScore program was developed by the Resilient Floor Covering Institute (RFCI) in conjunction with Scientific Certification Systems (SCS), which tests and certifies flooring as well as flooring adhesive products, and certifies production facilities for compliance with rigorous indoor air quality emission requirements. Volatile organic compounds (VOCs) are evaluated using health-based specifications. Flooring and adhesives that earn FloorScore certification qualify for use in high performance schools and office buildings.

Manufactured in the U.S.A. by:



ECORE International reserves the right to make updates to this catalog at any time. For the most updated version, or for more information, please visit playguardsurfacing.com or call 800.851.4746.

This product has been certified to meet the requirements of the flooring products certification program for indoor air quality.	
AS CERTIFIED BY  SCS SCIENTIFIC CERTIFICATION SYSTEMS	COMPLETE DETAILS ARE AVAILABLE AT RFCI.COM CERT. # SCS-FS-01793

PLAYGUARD[®]

SAFETY SURFACING



THE ONLY 15 YEAR
WARRANTY
IN THE INDUSTRY
INCLUDES
IMPACT ATTENUATION
TO ASTM F1292





YOU CAN'T ALWAYS BE THERE TO CATCH THEM

What's more important than the safety of our children? PlayGuard® has been protecting children from playground-related accidents and creating more accessible play areas for children of all abilities for over 15 years. Made from environmentally friendly recycled rubber, PlayGuard 24" x 24" playground tiles safely cushion the impact of a fall to reduce the risk of serious injury in both outdoor and indoor play areas.* ECORE International™, the manufacturer of PlayGuard, reinforces its commitment to safety by being one of the few playground surfacing manufacturers to take its

product through the rigorous process of becoming IPEMA™ certified. PlayGuard Safety Surfacing meets the ASTM F1292-09 standard specification for impact attenuation for falls and guidelines established by the U.S. Consumer Product Safety Commission (CPSC). PlayGuard tiles meet accessibility requirements of the Americans with Disabilities Act (ADA) and are now certified to ASTM F1951-09b, a determination of accessibility of surface systems under and around playground equipment.

*Playguard pigmented tiles are not recommended for certain indoor uses. Please contact your distributor for details.



To verify product certification, visit www.ipema.org

OUR GREEN STORY

Since its inception, PlayGuard Safety Surfacing has been offering a diverse selection of patterns and colors that enliven any play area while sustaining the quality of the natural environment. With patented manufacturing technology to recycle pre and post-consumer waste into durable surfacing tiles, PlayGuard plays an active role in reducing the nation's landfills and promoting a cleaner and healthier environment.

Indoor PlayGuard applications are FloorScore certified for compliance with rigorous indoor air quality emission requirements. Volatile Organic Compounds (VOCs) are evaluated using health-based specifications. Flooring and adhesives that earn FloorScore certification also qualify for use in high-performance schools.



PlayGuard Safety Surfacing meets the Collaborative for High Performance Schools (CHPS) criteria, the State of Washington standard for indoor air quality, and supports ASTM 2129-05 Sustainability Assessment.

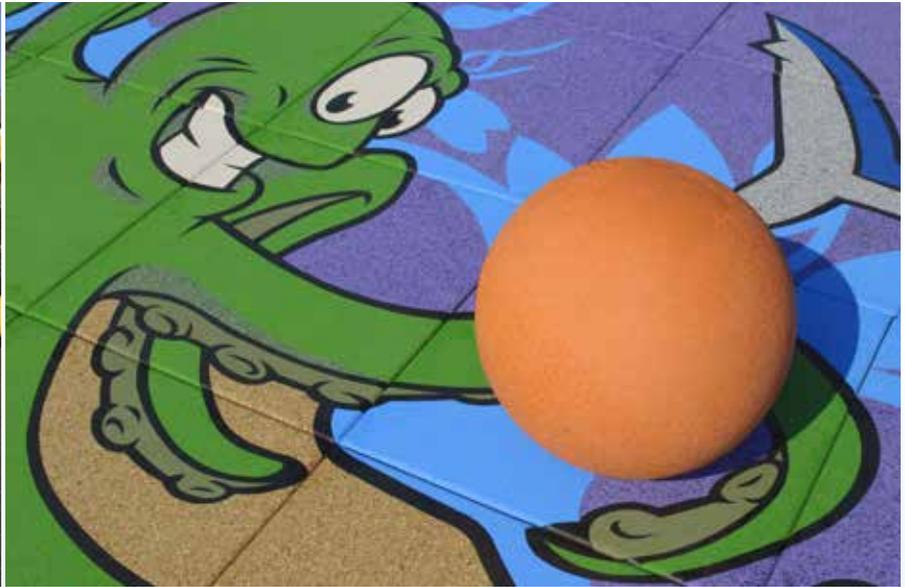
PlayGuard's resilient molded tiles are comprised of post-consumer tire rubber and ColorMill EPDM. These

materials are bound together using an elastomeric network. The entire product line is produced using a low embodied energy manufacturing process that requires minimal water and reuses in-line scrap to decrease waste. The result is vibrant and environmentally sustainable playground surfacing with superior durability to last for years.

PlayGuard is manufactured by Ecore International, North America's largest user of scrap tire rubber. Each year Ecore recycles over 80 million pounds of scrap rubber, saving over one million barrels of oil and keeping over 2,000 trailer loads of discarded tires out of our nation's landfills.



CHARACTERISTICS



From the traditional Pigmented Collection to the colorful designs of PlayGuard Ultra, PlayGuard is the safety surface of choice for new or renovated playgrounds, offering easy installation, low-maintenance, and superior performance in kid-friendly colors.

- 24" x 24" modular tiles in four thicknesses for choices in impact resistance and cost
- Factory molded to ensure consistent fall height protection and uniform appearance
- Patented, pre-manufactured colorful Ultra wear layer (1", 2-1/2", and 4-1/4")
- Meets 2', 6', 8', and 10' critical fall height requirements per ASTM F1292-04 and is CPSC compliant
- Slip resistant for wet or dry surfaces
- Resilient, comfortable surface encourages play
- Tiles won't crack, eliminating unsightly surface repairs

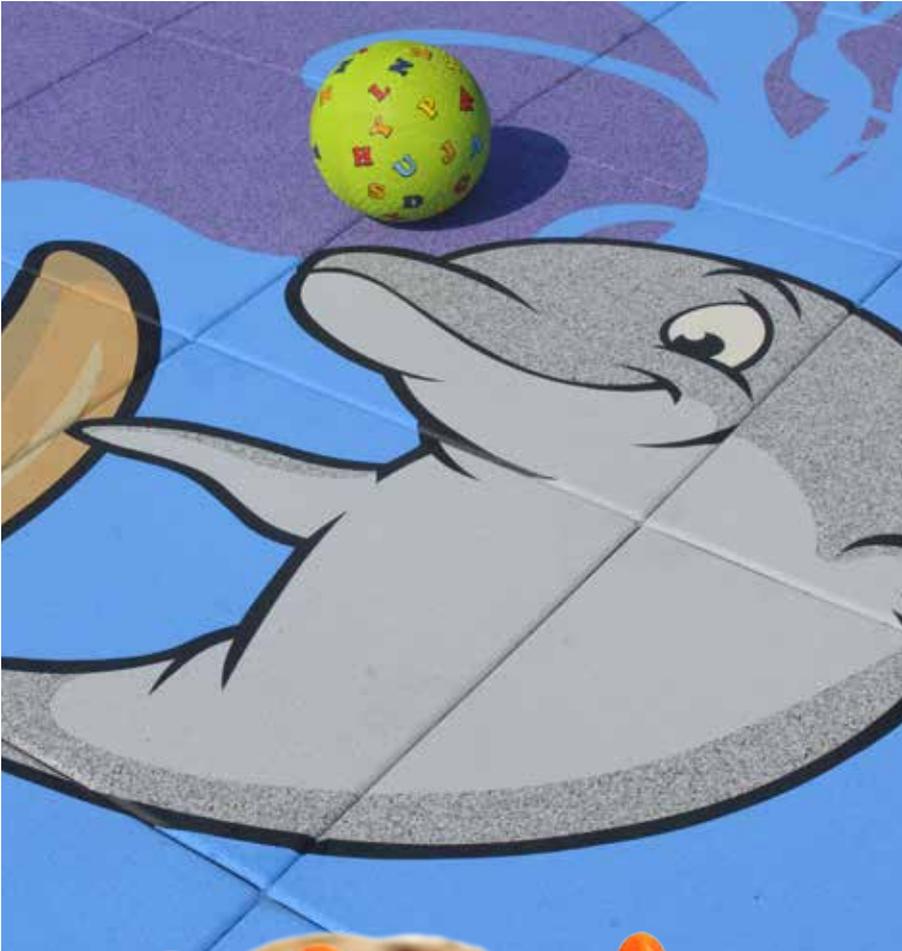
- Will not shift or displace during play
- Meets ADA standards
- Extremely durable for low life-cycle costs
- Easy to clean, low-maintenance surface
- Unlikely to conceal sharp or potentially harmful objects
- Individual tiles can be removed and replaced if damaged
- Custom colors, logos, and designs available for PlayGuard Ultra
- Made in the U.S.A. from the highest quality recycled rubber
- 15 year warranty on all products

APPLICATIONS

- School gyms and athletic areas*
- Playgrounds and recreation spaces
- Gymnastic and specialty sports centers
- Restaurant entertainment activity areas
- Daycare and after-school activity grounds
- Rock climbing walls
- Rehabilitation areas
- Rooftops (2-1/2" only) and patios

*Only 1" Carnival Ultra & Safari Ultra are recommended

Carnival Ultra



Grape Ape PG60



Rock Candy PG65



Pop Rocks PG71

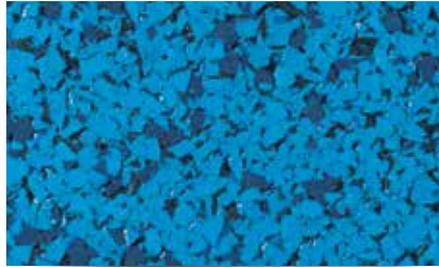
Used in combination or as single-color accents, the wear layer colors of the Carnival Ultra line create bright and engaging atmospheres that beg for participation and activity. The collection's vivid patterns bring design themes to life and transform playgrounds into lively community attractions.

Actual sample and final product may vary from color swatches shown in this catalog.





Cherry Blast PG61



Blueberry Pie PG62



Sour Apple PG63



Caramel Corn PG66



Funnel Cake PG67



Mudpie PG70



For bold patterns or energetic designs, PlayGuard's Carnival Ultra line features 9 standard hues with concentrated color saturations available in 1", 2-1/2", and 4-1/4" tile thickness. Carnival Ultra tiles are manufactured with proprietary processes that mold a dense recycled rubber and EPDM wear layer, 3mm thick, to a footed recycled rubber base.



SPECIFICATIONS

Tiles: 24" x 24"
 Thicknesses: 1", 2.5", & 4.25"

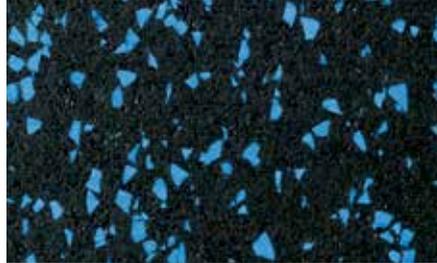
RECOMMENDED ACCESSORY COLORS

PG60A PG61A PG62A PG64A PG65A
 PG66A PG67A PG68A

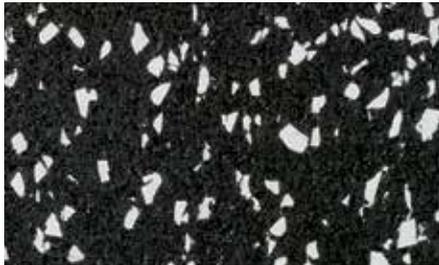
Safari Ultra



Midnight PG50



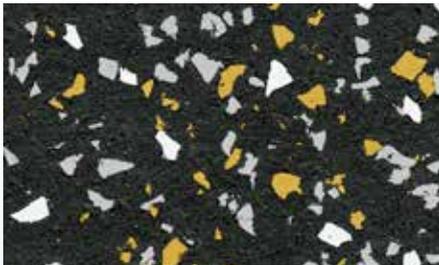
Rain Drops PG51



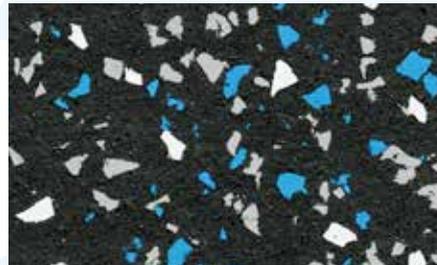
Zappy Zebra PG52



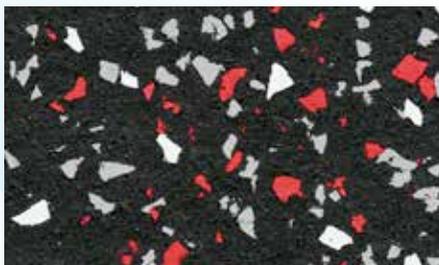
Cheetah Gold PG56



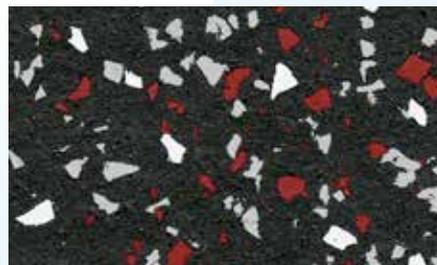
Bumble Bee PG72



Blue Skies PG73



Ladybug PG74



Red Fox PG75



For subtle color that brightens an environment without creating a bold design statement, PlayGuard's Safari Ultra line features 8 standard hues in 1", 2-1/2", and 4-1/4" tile thickness. Safari Ultra tiles are manufactured with proprietary processes that mold a dense recycled rubber and EPDM wear layer, 3mm thick, to a footed rubber base.

SPECIFICATIONS

Tiles: 24" x 24"
Thicknesses: 1", 2.5", & 4.25"

RECOMMENDED ACCESSORY COLOR

PG40A



Safari Ultra products feature complementary and easily coordinated wear layer patterns with heightened recycled content. The collection's color options can be used alone to create subtle design or applied as complementary patterns with selections from the Carnival Ultra line.



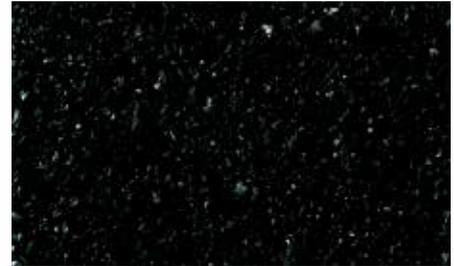
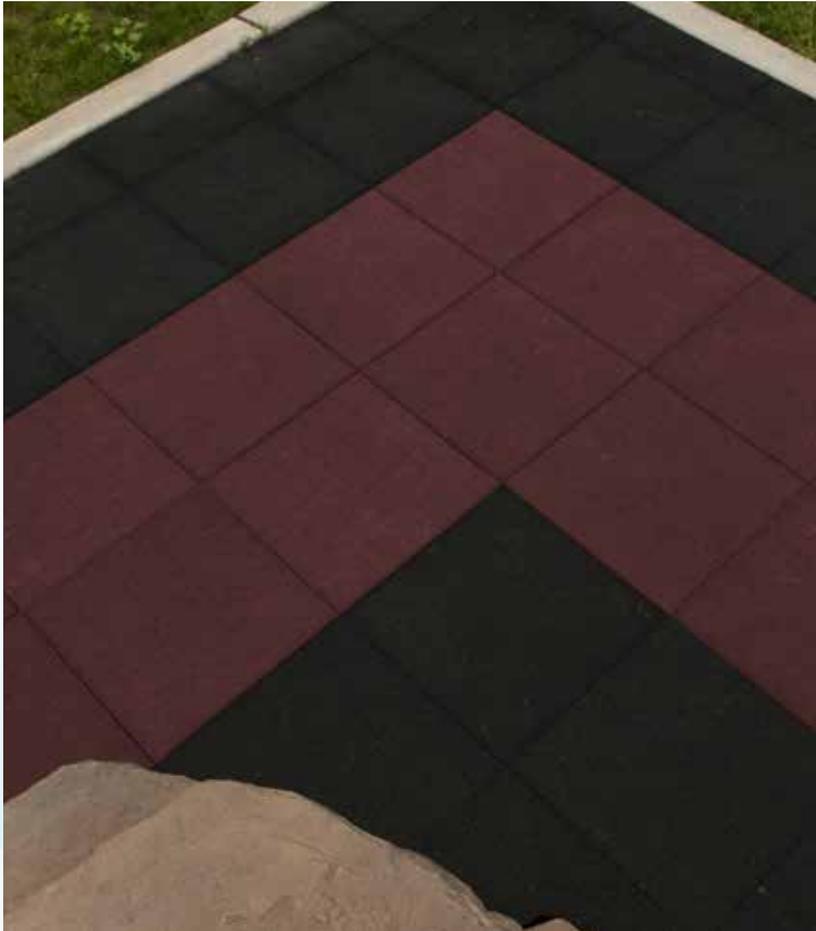
Actual sample and final product may vary from color swatches shown in this catalog.



Pigmented

If color is not a primary consideration, budgets are constrained, or simplistic design is the focus, select from one of the four standard hues of the Pigmented line for a natural backdrop with nearly 100% recycled content. Manufactured without an EPDM wear layer, the earth-tone hues of the Pigmented collection are produced by

evenly distributing pigment throughout the rubber tile. Whether installed on a rooftop, patio, or playground, the patterns of the Pigmented collection feature superior durability and long-lasting performance. Custom color and logo options are not available for pigmented tiles.



Black PG40



Grey PG41



Red PG42



Green PG43

* Pigmented tiles are **not** recommended for indoor use.

SPECIFICATIONS

Tiles: 24" x 24"
Thicknesses: 1", 2.5", & 3.75"

RECOMMENDED ACCESSORY COLORS

PG40A PG41A PG42A PG43A



Swing Mats

Recycled rubber Swing Mats are available in 36" x 36" squares with a 1-1/2" height. The mats are made from the same high-quality recycled rubber that the other PlayGuard products are made from and include up to 92% recycled rubber. The mats are loose lay and can easily be installed under swing sets and at the foot of sliding boards. Swing Mats do not carry a fall height rating and are only recommended to help prevent the spread of wood mulch, pea gravel, or rubber crumb.

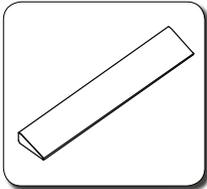


Actual sample and final product may vary from color swatches shown in this catalog.

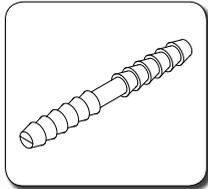
Accessories



1" Carnival Ultra, Safari Ultra, & Pigmented

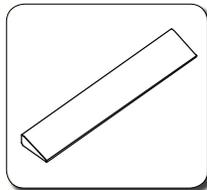


Reducer
48" x 4" x 1"

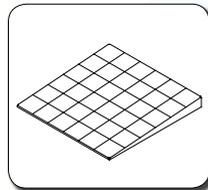


Dowel Pin
3.125" x 1/4"

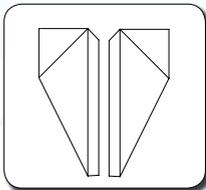
2½" Carnival Ultra, Safari Ultra, & Pigmented



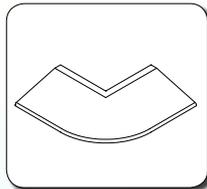
Reducer
48" x 4" x 2-1/2"



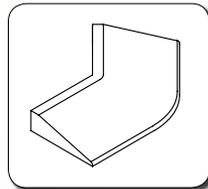
ADA Access Ramp
24" x 24" x 2-1/2" (2)



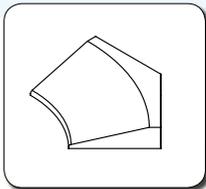
L/R Side Reducer for ADA Access Ramp
24" x 8" x 2-1/2"



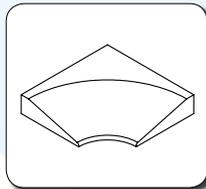
Outside 90 Corner Reducer
16" x 8" x 2-1/2"



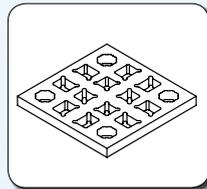
Outside 45 Corner Reducer
16" x 8" x 2-1/2"



Inside 45 Corner Reducer
12" x 8" x 2-1/2"

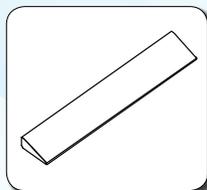


Inside 90 Corner Reducer
12" x 8" x 2-1/2"

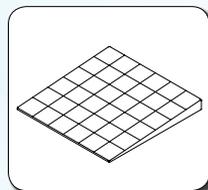


Quad Blok Connector
8" x 8" x 17 mm

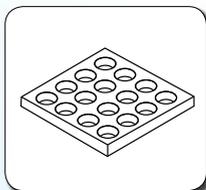
4¼" Carnival Ultra, Safari Ultra



Reducer
48" x 12" x 4-1/4"

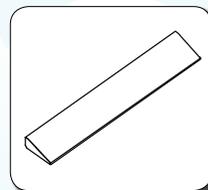


ADA Access Ramp
24" x 24" x 4-1/4" (4)
Custom order only

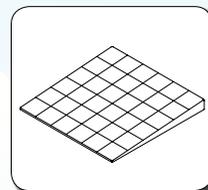


Large Quad Blok Connector
8.75" x 8.75" x 19mm

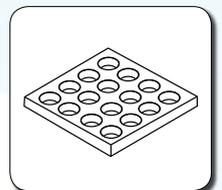
3¾" Pigmented



Reducer
48" x 12" x 3-3/4"



ADA Access Ramp
24" x 24" x 3-3/4" (4)



Large Quad Blok Connector
8.75" x 8.75" x 19mm

Accessories are not manufactured with an Ultra wear layer. The EPDM colored granules or pigments are homogeneously mixed throughout to produce coordinated designs for all Ultra and Pigmented colors.

Accessory Colors



PG40A



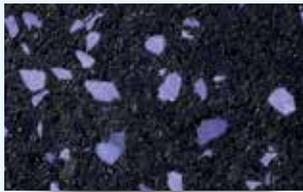
PG41A



PG42A



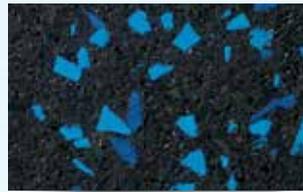
PG43A



PG60A



PG61A



PG62A



PG63A



PG65A



PG66A



PG67A

For the most up to date colors please visit www.playguardsurfacing.com
Actual sample and final product may vary from color swatches shown in this catalog.

Custom Colors



1102 Eggshell



1202 Light Grey



1204 Medium Grey



1205 Greige



1308 Tatami



1402 Aqua



1403 Sky Blue



1407 Midnight Blue



1610 Army Green



1612 Dark Green



1615 Sage



1630 Olive



1810 Red



1904 Orange



2100 Dark Camel



2105 Dark Taupe



With PlayGuard's custom color program, there are no limitations to the imagination. It's easy to find the color blend that is right for any project by selecting colors from our EPDM palette below.



1206 Warm Grey



1208 Clay Grey



1210 Dark Grey



1306 Sand



1409 Blueberry



1502 Violet



1503 Purple



1604 Green



1703 Yellow



1708 Gold



1806 Bright Red



1808 Brick Red



2110 Mid Taupe



2115 Mid Camel



2120 Tan Sage



2125 Dark Chocolate



2170 Brown



2160 Gingery



2150 Light Brown



2190 Caviar Brown



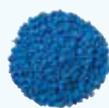
50% Recycled Rubber

+



30% 1407

+



15% 1403

+



3% 1210

+



2% 1202

=



Custom Color

Live to Play

PlayGuard Safety Surfacing's Live to Play Program is a creative new way to bring active play to your playground through designs in the surface. Through our patented tile technology, we are able to cut inlaid water-jet designs directly into the surface of the tile using precise detail that is not currently available through traditional tile and poured-in-place products. You may choose from our Live to Play portfolio of existing inspirational ideas designed to spark your imagination, or work with PlayGuard and our partners to design your own custom surface.

When choosing directly from our Live to Play product portfolio, all artwork, proofing and pricing has already been done in advance and allows you to expedite your bidding process, while still achieving a truly custom look to your project.

Whether learning U.S. geography or learning to hopscotch, PlayGuard's Live to Play Program has something to fit your creative palette.

Here are just a few of the great benefits of this unique surfacing option:

- Features a patented, water jet cut tile system
- 15 year warranty
- Standard and custom graphic options
- Endless color options
- Unsurpassed graphic detail quality
- Compliment play equipment using new and engaging activities





Custom Designs



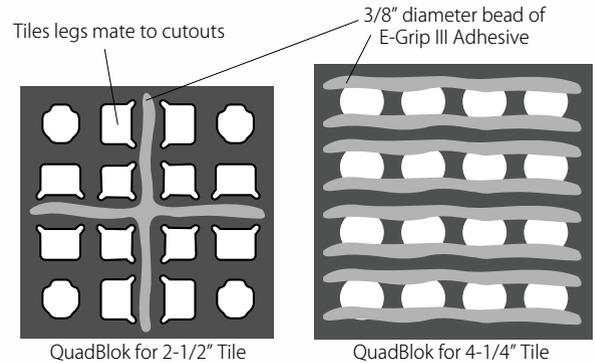
If it can be imagined,
PlayGuard can create it.

Create playful patterns using distinctly colored tiles or make a bold statement with custom designs created to complement any project's theme. Custom logos and designs can be created with any combination of Carnival Ultra, Safari Ultra, or custom colors and are manufactured as a part of the tile's wear layer for long-lasting patterns that don't flake, chip, or peel. Creating a personalized environment or coordinating a playground theme is easier than ever with PlayGuard's limitless logo capabilities!





QuadBlok™



NOTE: ONE QUAD-BLOK PER TILE IS REQUIRED

Property	Test Method	Typical Result
Density	ASTM D297	45-lbs./cu.ft. ³ min.
Tensile Strength	ASTM D412, DIE C	100psi. min.
Elongation	ASTM D412, DIE C	65% min.
Compression	ASTM F36	Recovery
@50psi	15%	80%
@100psi	28%	90%
@200psi	45%	95%
Shore A Hardness	ASTM D2240	50 +/- 5 points
Tear Strength	ADTM D624, DIE C	30-lbs.f/in
Flexibility	ASTM F147	0-1 Factor
Compression Set B 25% deflection, 22 hrs. 158°F	ASTM D395	25%
Compression Set (Foam) 50% deflection, 22 hrs. 158°F	ASTM D3676	20%

Ideal for playgrounds, rooftops, and patios, our exclusive Quad Blok™ system offers reliable easy-down/easy-up installations. Quad Blok connectors are made of high quality, post-consumer tire rubber and polyurethane. Unlike labor intensive poured-in-place systems, Quad Blok modular connectors feature precisely located multiple apertures that interface with the corner leg understructure of PlayGuard tiles. These connectors are quick and easy to use without adhering to or causing damage to playground substrates. If an individual tile ever does need replacement, removing and securing a new tile causes minimal disruption or downtime.

Features:

- Available in 2 sizes:
 - 8" x 8" x 17mm for 2-1/2" Tiles
 - 8.75" x 8.75" x 19mm for 3¾" and 4¼" tiles
- 15 year warranty
- Recycled rubber and polyurethane composition
- Highly durable
- Enables rooftop installation capabilities
- Eliminates damage to the roofing membrane
- Allows rapid water drainage around each tile
- Lots of void under tiles for water drainage flow

Rooftops



PlayGuard Safety Surfacing is ideal for rooftop and patio applications due to its unique Quad Blok installation system and cushioned resilience. With the Quad Blok system, PlayGuard tiles are attached to the connector and not the roof itself. This eliminates costly damage to elastomeric membranes and ensures that the quality of the roof remains unaltered. ColorMill® EPDM allows for greater UV fade resistance compared to other EPDM rooftop and patio applications.

PlayGuard tiles also allow for water drainage. The superior design of PlayGuard, in combination with the connector system, ensures that water will quickly reach the roof surface and flow to drains, avoiding ponding and enabling easy maintenance. The tiles' superior durability and non-slip properties make them ideal for areas prone to direct exposure to the natural elements and, with the Quad Blok installation system, damaged tiles can be easily removed or replaced.

With PlayGuard tiles, a roof or patio can be transformed into a quality recreation or leisure area. Vibrant color and design options enable ordinary and neglected spaces to become vividly designed, durable, and well-traveled. With the simple addition of PlayGuard surfacing, unusable rooftop or patio spaces can be reconstructed into useful havens for social gatherings, recreation, or everyday leisure activity.







ENVIRONMENTAL RESPONSIBILITY

PlayGuard Safety Surfacing products are as “green” as they are safe.

The tiles are manufactured by mixing post-consumer tire rubber and ColorMill® EPDM in an energy-efficient process that uses minimal water, little or no heat, and the reuse of inline scrap. The result is a sustainable playground safety surfacing product that is both durable and environmentally supportive.

PlayGuard has the potential to contribute points to The United States Green Building Council's Leadership in Energy and Environmental Design (LEED) Green Building Rating System. It is important to understand that while products have the potential to contribute points to LEED, credits are based on the performance of all the products involved in a particular

project and there is not one stand-alone product that can guarantee you will obtain LEED credits. It is the combination and the weight of each that is critical. PlayGuard is designed to meet the stringent criteria required to earn points under 2 out of the 6 categories of LEED. The high recycled content and low-VOC emissions of PlayGuard products assist specifiers by potentially contributing up to 12 points toward LEED certification.

Please visit playguardsurfacing.com to download the PlayGuard LEED Guide.



by  SCS certified.

