PLAYGUARD
SAFETY SURFACING

Carnival Series - 95% EPDM

PG60 Grape Ape

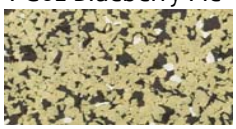
PG61 Cherry Blast

PG62 Blueberry Pie

PG63 Sour Apple

PG65 Rock Candy

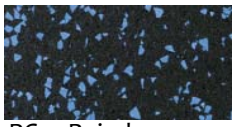
PG66 Caramel Corn

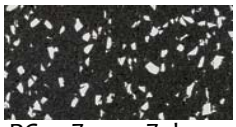

PG67 Funnel Cake

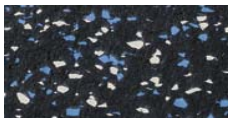
PG68 Purple Elephant

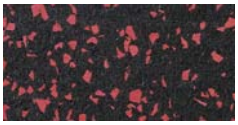
Safari Series - 20% EPDM

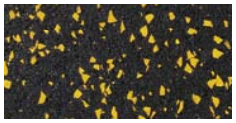
PG50 Midnight

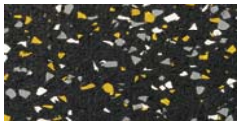

PG51 Raindrops

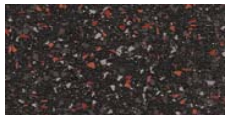

PG52 Zappy Zebra


PG53 River Rapids


PG54 Red Rover


PG56 Cheetah Gold

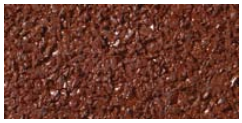

PG57 Butterflies


PG58 Rhino Red

Pigmented Series

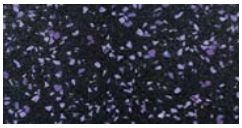
PG40 Black

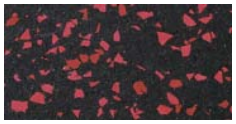
PG41 Grey

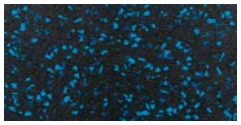

PG42 Red

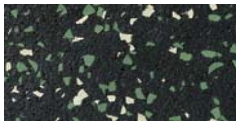
PG43 Green

Accessory Series


PG60A

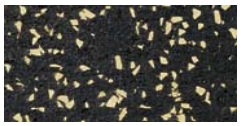

PG61A

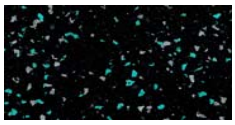

PG62A


PG63A

PG65A

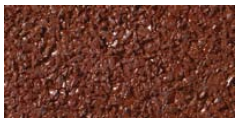
PG66A


PG67A


PG68A

PG40A

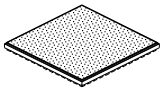
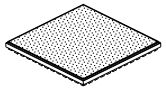
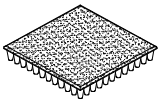
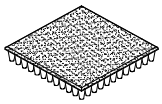
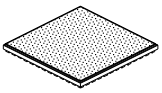
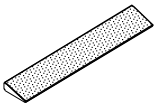
PG41A


PG42A

PG43A

PLAYGUARD MANUFACTURERS SUGGESTED RETAIL PRICE

Effective November 1, 2011

	Carnival Series	Safari Series	Pigmented Series			
1" PlayGuard Tile						
	PG60, PG61, PG62, PG63, PG65, PG66, PG67, PG68	PG50, PG51, PG52, PG53, PG54, PG56, PG57, PG58	PG40, PG41, PG42, PG43			
MSRP	$ 35.00	$ 31.00	$ 28.00			
NOTE:	1" tile is rated for 2' foot fall height requirements					
	1" tile can be installed using the nylon dowel connector indoor, or fully adhered indoor & outdoor					
	Pigmented tile line is not recommended for indoor use					
	Tile measures 1" x 24" x 24"					
	Pricing is per tile (4 square feet per tile)					
2 1/2" PlayGuard Tile						
	PG60, PG61, PG62, PG63, PG65, PG66, PG67, PG68	PG50, PG51, PG52, PG53, PG54, PG56, PG57, PG58	PG40, PG41, PG42, PG43			
MSRP	$ 39.00	$ 36.00	$ 32.50			
NOTE:	2 1/2" tile is rated for 6' foot fall height requirements					
	2 1/2" tile can be installed using a full adhesive over concrete or asphalt, or Quad Blok installation over compacted aggregate					
	2 1/2" tile or taller is not recommended for weight room environments					
	Tile measures 2 1/2" x 24" x 24"					
	Pricing is per tile (4 square feet per tile)					
3 3/4" PlayGuard Tile (Pigmented Series Only)						
			PG40, PG41, PG42, PG43			
MSRP			$ 39.00			
5%						
10%						
15%						
NOTE:	3 3/4" tile is rated for 8' foot fall height requirements					
	3 3/4" tile must be installed using a full adhesive over concrete or asphalt					
	Tile measures 3 3/4" x 24" x 24"					
	Pricing is per tile (4 square feet per tile)					
4 1/4" PlayGuard Tile (Carnival & Safari Only)						
	PG60, PG61, PG62, PG63, PG65, PG66, PG67, PG68	PG50, PG51, PG52, PG53, PG54, PG56, PG57, PG58				
MSRP	$ 44.00	$ 40.00				
NOTE:	4 1/4" tile is rated for 8' foot fall height requirements					
	4 1/4" tile must be installed using a full adhesive over concrete or asphalt					
	Tile measures 4 1/2" x 24" x 24"					
	Pricing is per tile (4 square feet per tile)					
2 1/2" PlayGuard Tile + 2 1/8" Polyfoam						
	PG60, PG61, PG62, PG63, PG65, PG66, PG67, PG68	PG50, PG51, PG52, PG53, PG54, PG56, PG57, PG58	PG40, PG41, PG42, PG43			
MSRP	$ 45.00	$ 40.50	$ 39.25			
NOTE:	2 1/2" tile + 2 1/8" Polyfoam is rated for 10' foot fall height requirements					
	2 1/2" tile must be installed using Quad Blok over the 2 1/8" Polyfoam					
	Tile measures 2 1/2" x 24" x 24"					
	Polyfoam sheets measure 2 1/8" x 4' x 6' sheets					
	Pricing is per tile (4 square feet per tile)					
1" Tile Reducer						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 26.00	$ 21.40	$ 21.40			
NOTE:	Reducer measures 1" x 4" x 48"					
	Carnival Series reducers contain 20% EPDM and 80% SBR rubbers					
	Pigmented Series reducers match the pigmented tile color					
	Pricing is per piece					

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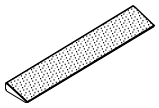
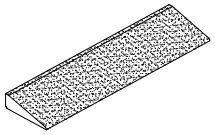
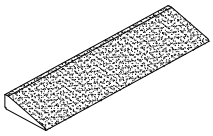
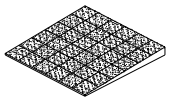
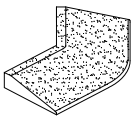
PLAYGUARD MANUFACTURERS SUGGESTED RETAIL PRICE

Effective November 1, 2011

	Carnival Series	Safari Series	Pigmented Series			
2 1/2" Tile Reducer						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 27.25	$ 26.75	$ 26.75			
NOTE:	Reducer measures 2 1/2" x 8" x 48"					
	Carnival Series reducers contain 20% EPDM and 80% SBR rubbers					
	Pigmented Series reducers match the pigmented tile color					
	Pricing is per piece					
3 3/4" Tile Reducer (Pigmented Series Only)						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP			$ 40.70			
NOTE:	Reducer measures 3 3/4" x 12" x 48"					
	Pigmented Series reducers match the pigmented tile color					
	Pricing is per piece					
4 1/4" Tile Reducer (Carnival & Safari Only)						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 41.00	$ 40.75				
NOTE:	Reducer measures 4 1/4" x 12" x 48"					
	Carnival Series reducers contain 20% EPDM and 80% SBR rubbers					
	Pricing is per piece					
2 1/2" ADA Access Ramp						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 35.70	$ 31.00	$ 31.00			
NOTE:	ADA ramp measures 2 1/2" x 24" x 24"					
	Carnival Series ADA ramp contain 20% EPDM and 80% SBR rubbers					
	Pigmented Series ADA ramp match the pigmented tile color					
	Pricing is per piece					
2 1/2" ADA Ramp Side Reducers						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 22.85	21.25	21.25			
NOTE:	Side reducers measure 2 1/2" x 8" x 24"					
	Carnival Series side reducers contain 20% EPDM and 80% SBR rubbers					
	Pigmented Series side reducers match the pigmented tile color					
	Pricing is per pair					
2 1/2" Outside Corner Reducer (45 degree)						
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A			
MSRP	$ 20.85	$ 21.25	$ 21.25			
NOTE:	45 degree corner reducers measure 2 1/2" x 8" x 16"					
	Carnival Series corner reducers contain 20% EPDM and 80% SBR rubbers					
	Pigmented Series corner reducers match the pigmented tile color					
	Pricing is per piece					

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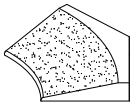
PLAYGUARD MANUFACTURERS SUGGESTED RETAIL PRICE

Effective November 1, 2011

2 1/2" Inside Corner Reducer (45 degree)

	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A
MSRP	$ 20.85	$ 21.25	$ 21.25

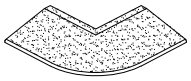


NOTE: 45 degree corner reducers measure 2 1/2" x 8" x 12"
Carnival Series corner reducers contain 20% EPDM and 80% SBR rubbers
Pigmented Series corner reducers match the pigmented tile color
Pricing is per piece

	Carnival Series	Safari Series	Pigmented Series

2 1/2" Outside Corner Reducer (90 degree)

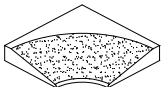
	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A
MSRP	$ 20.85	$ 21.25	$ 21.25



NOTE: 90 degree corner reducers measure 2 1/2" x 8" x 16"
Carnival Series corner reducers contain 20% EPDM and 80% SBR rubbers
Pigmented Series corner reducers match the pigmented tile color
Pricing is per piece

2 1/2" Inside Corner Reducer (90 degree)

	PG60A, PG61A, PG62A, PG63A, PG65A, PG66A, PG67A, PG68A	PG40A	PG40A, PG41A, PG42A, PG43A
MSRP	$ 20.85	$ 21.25	$ 21.25



NOTE: 90 degree corner reducers measure 2 1/2" x 8" x 12"
Carnival Series corner reducers contain 20% EPDM and 80% SBR rubbers
Pigmented Series corner reducers match the pigmented tile color
Pricing is per piece

1 1/2" Swing/Wear Mats

	All Black
MSRP	$ 67.00

NOTE: Swing mat measures 1 1/2" x 36" x 36" with beveled edges
Swing mat is all black and contains no color EPDM
Pricing is per piece

Accessories

	2-Gallon Egrip III	4-Gallon Egrip III	Egrip III Cartidge 10.3 oz	E-Cleaner (1 Gal)	E-Stripper (1 Gal)
MSRP	$ 95.00	$ 175.00	$ 6.00	$ 37.00	$ 76.00
NOTE:				108 Gallons = 1 pallet of E-Cleaner and E-Stripper	

	PlayGuard Quad Blok	Dowels (each)	Dowel Setting Tool	GeoTex Fabric (per LF)
MSRP	$ 2.75	$ 0.35	$ 36.00	$ 4.75
NOTE:				15' wide rolls

	Palletizing Orders	Heat-Treated Pallets	Packaging Change Fee	Storage
MSRP				
5%	$17.50/pallet	$25/pallet	$ 150.00	$ 150.000
10%				
15%				

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Product Weights
*1" Tile - 16 lbs ea.
*1" Reducer - 8 lbs ea.
*2 1/2" Tile - 26 lbs ea.
*2 1/2" Reducer - 20 lbs ea.
*2 1/2" ADA Ramp - 23 lbs ea.
*2 1/2" ADA Side Reducers - 17 lbs pair
*2 1/2" Corners - 12 lbs ea.
*3 3/4" Tile - 33 lbs ea.
*3 3/4" Reducer - 34 lbs ea.
*4 1/4" Tile - 36 lbs ea.
*4 1/4" Reducer - 36 lbs ea.

Accessory Weights
*2 Gal Egrip III - 29 lbs ea.
*4 Gal Egrip III - 58 lbs ea.
*10.3 oz Egrip III - 0.65 lbs ea.
*Quad Blok Connector - 0.7 lbs ea.
*Swing/Wear Mat - 55 lbs ea.
*GeoTex Fabric - 0.9 lbs per LF
*E Cleaner - 8.4 lbs per Gal
*E Stripper - 8.25 lbs per Gal

Installation Notes:
*Egrip III adhesive coverage using 1/8" square notched trowel:
*60SF per gallon over concrete
*50SF per gallon over asphalt
*Egrip III adhesive cartridge coverage is 13 linear feet per tube using 3/8" diameter bead
*Covers 10 Quad Blok per cartridge
*Quad Blok ratio is one per 2 1/2" tile

Pallet Requirements:
*1" PlayGuard - 120 tile per pallet
*2 1/2" PlayGuard - 100 tile per pallet
*3 3/4" PlayGuard - 60 tile per pallet
*4 1/4" PlayGuard - 60 tile per pallet

PLAYGUARD®

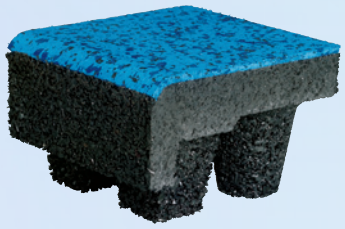
SAFETY SURFACING

PLAYGUARD WARRANTY
15 YEARS

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

PLAYGUARD®
SAFETY SURFACING

You can't always be there to catch them.



What could be 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.

INTERNATIONAL PLAY EQUIPMENT PUBLIC PLAY SURFACING MANUFACTURERS ASSOCIATION
IPEMA CERTIFIED TO ASTM F1292

To verify product certification, visit www.ipema.org

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

PLAYGUARD®
SAFETY SURFACING

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.

floor score

CHPS COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS

A Tile to Fit All Playground Needs

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.

Characteristics:

- 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
- Will not shift or displace during play
- Resilient, comfortable surface encourages play
- Tiles won't crack, eliminating unsightly surface repairs
- 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

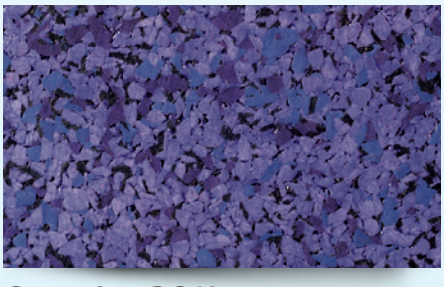
Applications:

- 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 recommended

PLAYGUARD®
SAFETY SURFACING

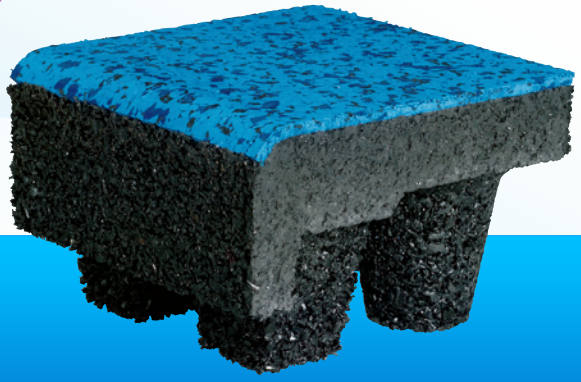
Carnival Ultra



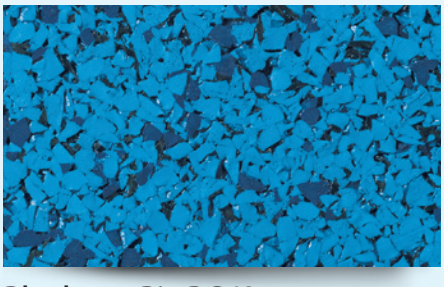
Grape Ape PG60

Rock Candy PG65

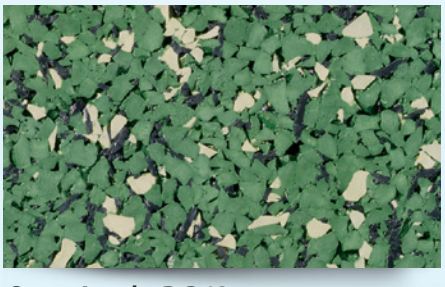
Used in combination or as single-color accents, the wear layer colors of the Carnival Ultra line create bright and engaging atmospheres that beg for participation and activity. The collection's vivid patterns bring design themes to life and transform playgrounds into lively community attractions.



Cherry Blast PG61



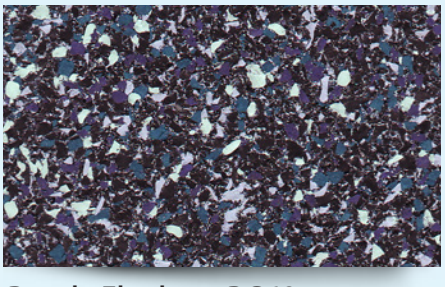
Blueberry Pie PG62



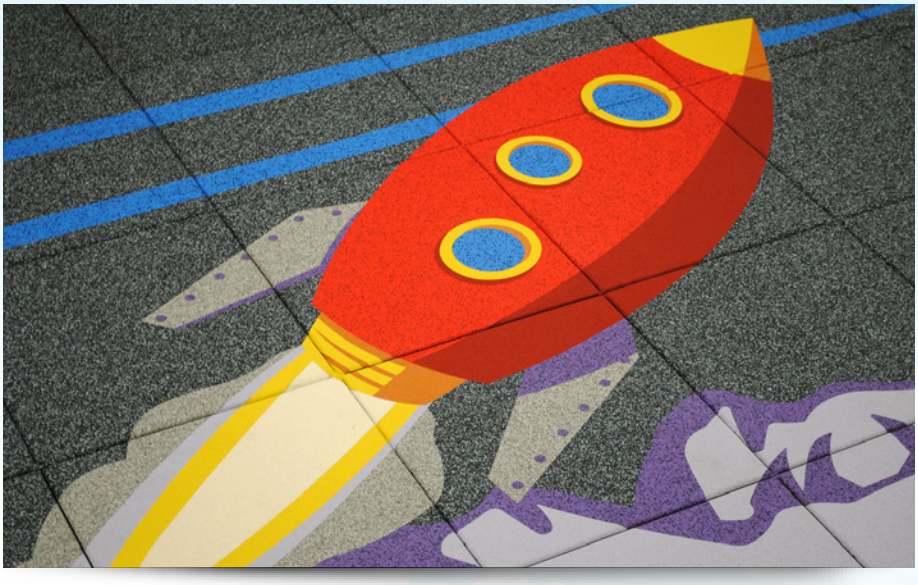
Sour Apple PG63

Caramel Corn PG66

Funnel Cake PG67



Purple Elephant PG68



For bold patterns or energetic designs, PlayGuard's Carnival Ultra line features 8 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, PG63A, PG64A, PG65A, PG66A, PG67A, PG68A

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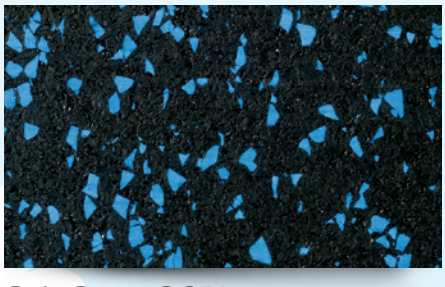
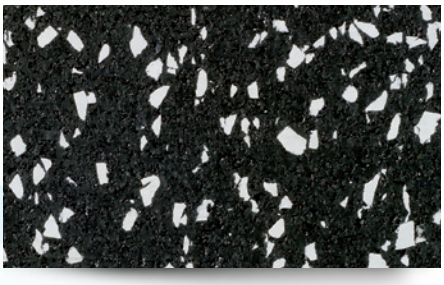
Safari Ultra

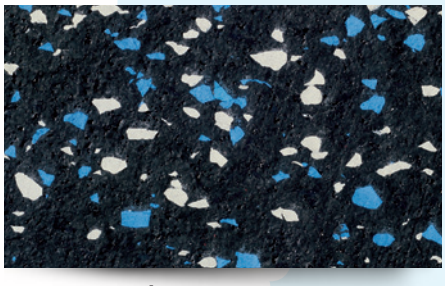
Midnight PG50



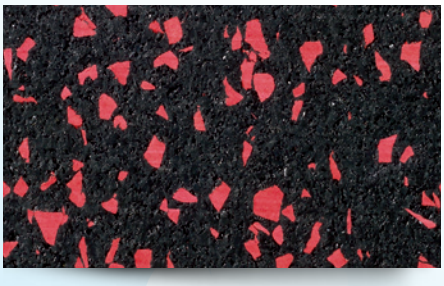
Rain Drops PG51



Zappy Zebra PG52



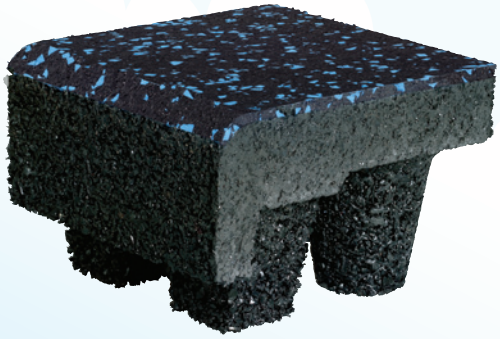
River Rapids PG53

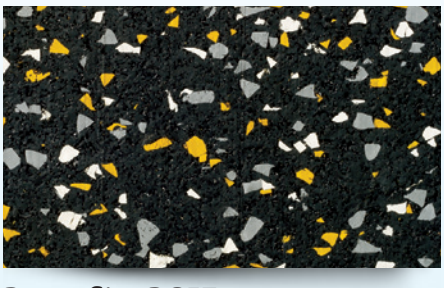


Red Rover PG54

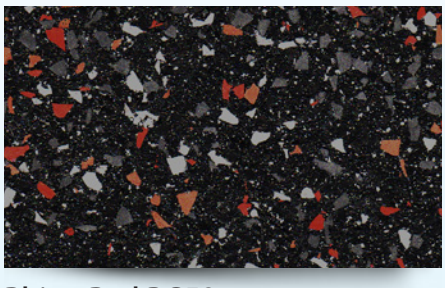
Cheetah Gold PG56

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.





Butterflies PG57



Rhino Red PG58

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.

Specifications

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

Recommended Accessory Color

PG40A

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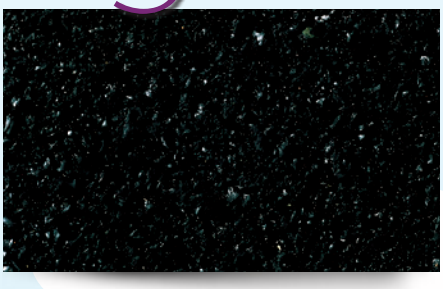
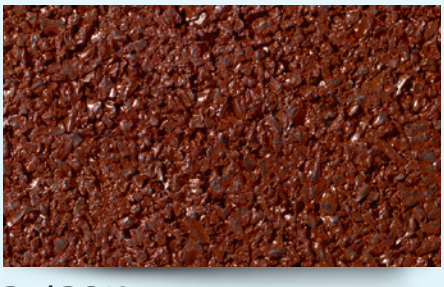
Pigmented

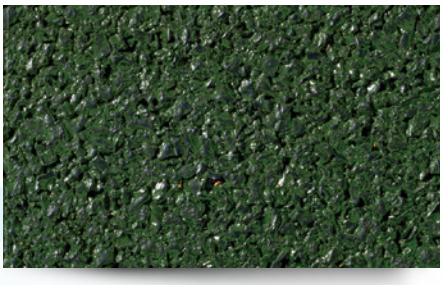


Black PG40

Grey PG41



Red PG42



Green PG43

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.

Specifications

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

Recommended Accessory Colors

PG40A, PG41A, PG42A, PG43A

*PlayGuard pigmented tiles are not recommended for indoor use.

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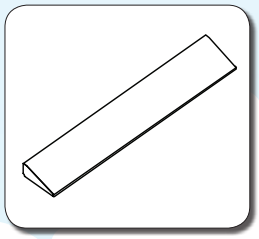
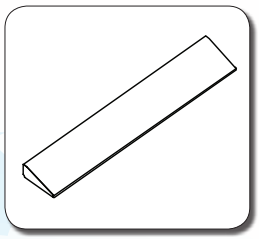
Accessories

Carnival Ultra, Safari Ultra, & Pigmented - 1″ Thickness

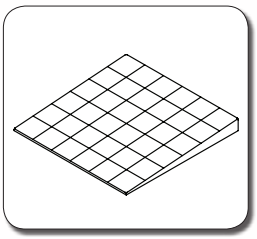


Reducer
48″ x 4″ x 1″

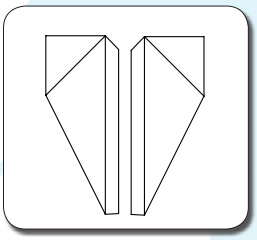
Carnival Ultra, Safari Ultra, & Pigmented - 2½″ Thickness



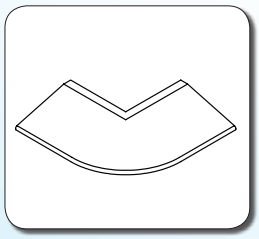
Reducer
48″ x 8″ x 2-1/2″



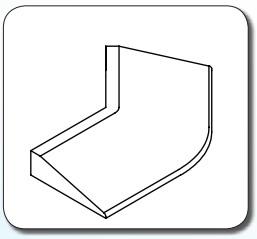
ADA Access Ramp
24″ x 24″ x 2-1/2″



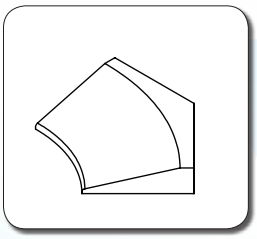
L/R Side Reducer for
ADA Access Ramp
24″ x 8″ x 2-1/2″



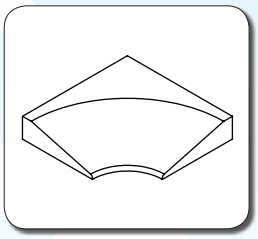
Outside 90 Corner
Reducer
16″ x 8″ x 2-1/2″



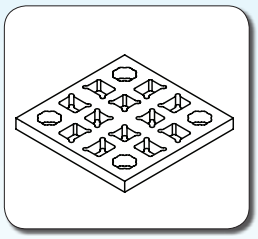
Outside 45 Corner Reducer
16″ x 8″ x 2-1/2″



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

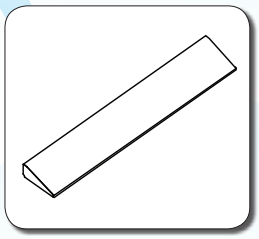


Inside 90 Corner Reducer
12″ x 8″ x 2-1/2″

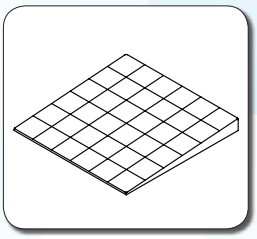


Quad Blok Connector
8″ x 8″ x 17 mm

Carnival Ultra & Safari Ultra - 4¼″ Thickness

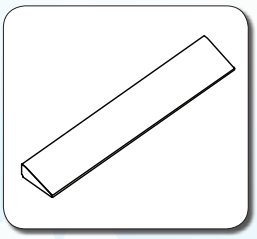


Reducer
48″ x 12″ x 4-1/4″

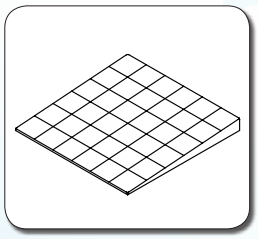


ADA Access Ramp
24″ x 24″ x 4-1/4″
Custom order only

Pigmented - 3¾″ Thickness



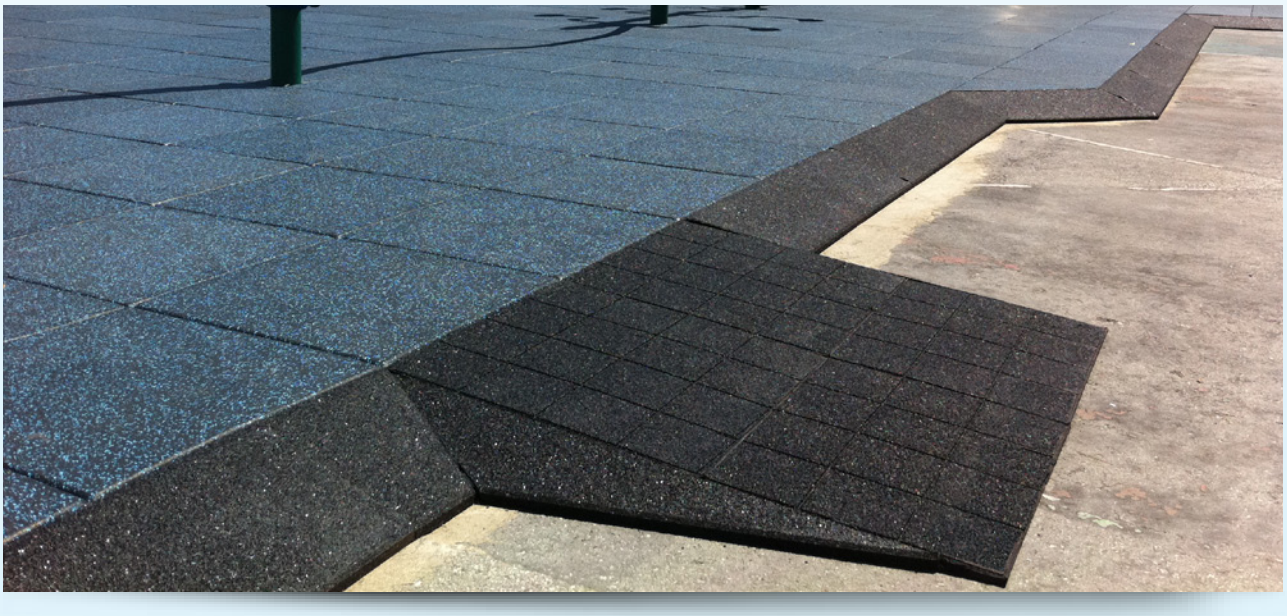
Reducer
48″ x 12″ x 3-3/4″

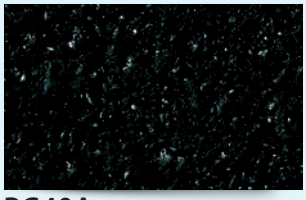


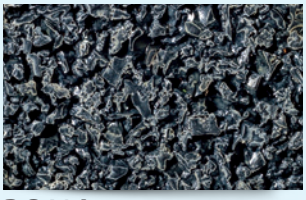
ADA Access Ramp
24″ x 24″ x 3-3/4″

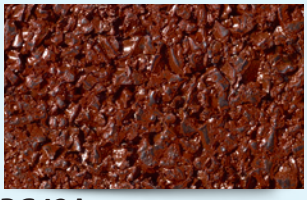
Accessories are not manufactured with an Ultra wear layer. The EPDM colored granules or pigments are homogeneously mixed throughout to produce coordinated designs for all Ultra and Pigmented colors.

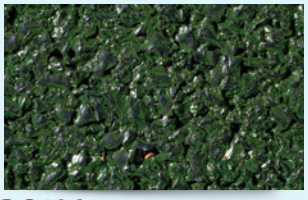
Accessory Color Line

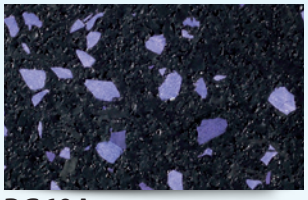


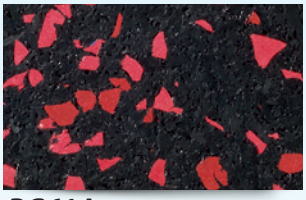

PG40A


PG41A

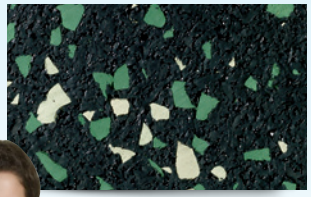

PG42A

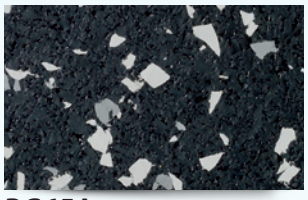

PG43A


PG60A

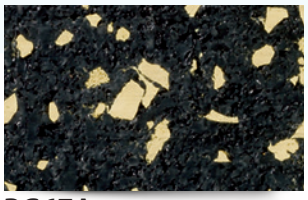

PG61A

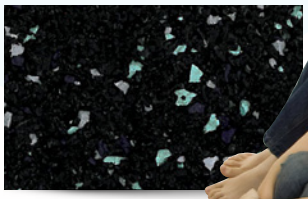
PG62A


PG63A


PG65A

PG66A


PG67A


PG68A

For the most up to date colors
please visit our website at:
www.playguardsurfacing.com

PLAYGUARD®
SAFETY SURFACING

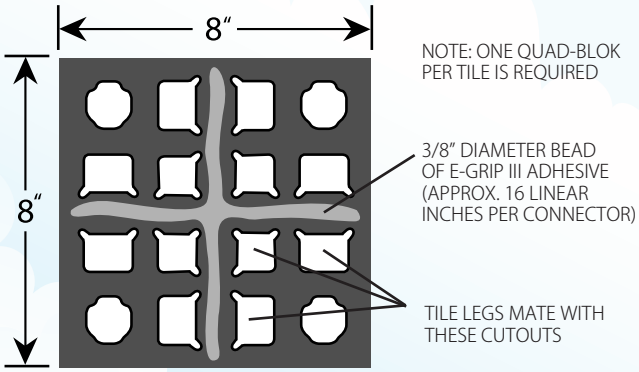
Quad Block

Ideal for playgrounds, rooftops, and patios, our exclusive Quad Blok™ system, available only for PlayGuard 2-1/2" thick tiles, 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 2-1/2" 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:

- 8" x 8" x 17mm
- 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

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%



Patios & Rooftops

PlayGuard Playground 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.

PLAYGUARD®
SAFETY SURFACING

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.

PLAYGUARD®
SAFETY SURFACING

Custom Colors

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 choosing from the palette of 27 EPDM colors listed below:

1102 Eggshell

1202 Light Grey

1204 Medium Grey

1205 Greige

1206 Warm Grey

1208 Clay Grey

1210 Dark Grey

1306 Sand

1308 Tatami

1402 Aqua

1403 Sky Blue

1407 Midnight Blue

1409 Blueberry

1502 Violet

1503 Purple

1604 Green

1610 Army Green

1612 Dark Green

1615 Sage

1708 Gold

1806 Bright Red

1808 Brick Red

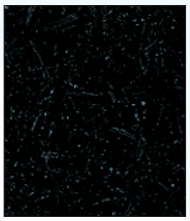
1810 Red

2150 Light Brown

2160 Gingery

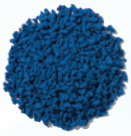
2170 Brown

2190 Caviar Brown

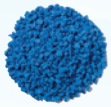

Black Recycled Rubber

50% SBR

+


30% 1407

+


15% 1403

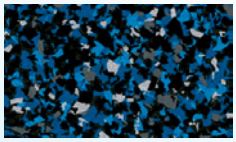
+

3% 1210

+

2% 1202

=


Custom Color

Please visit www.playguardsurfacing.com for the most up to date list of avalable EPDM colors.

Custom Designs

If it can be imagined, PlayGuard can create it. That's the concept behind the custom designs program. 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!

PLAYGUARD®
SAFETY SURFACING

Environmental Reponsibility

Made from recycled rubber, 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.

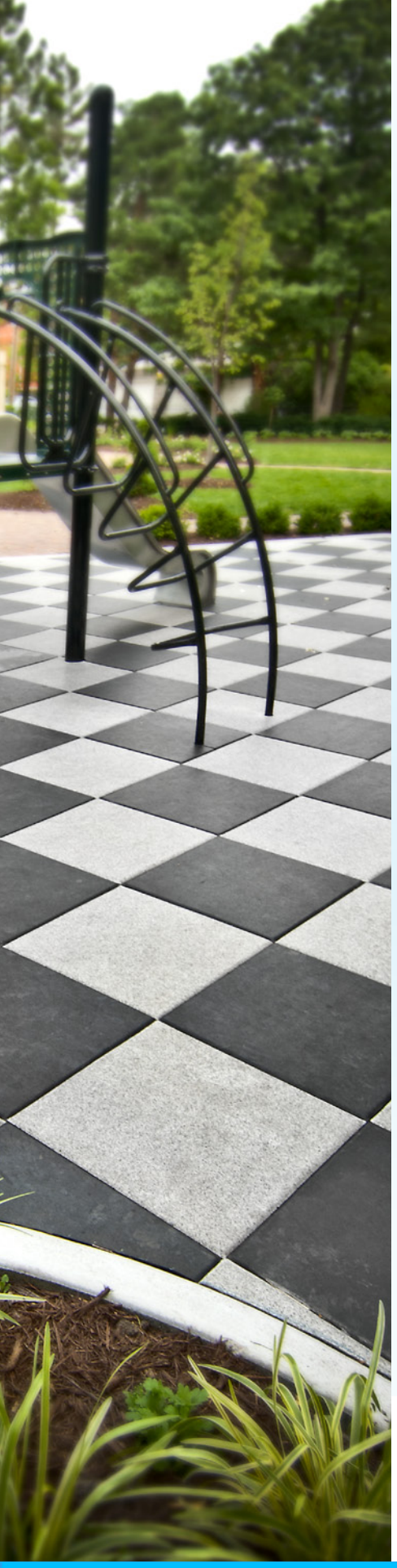
PlayGuard has the potential to contribute points to The United States Green Building Council's Leadership in Energy and Environmental Design (LEED) Green Building Rating System. It is important to understand that while products have the potential to contribute points to LEED, credits are based on the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

floor score®

U.S. GREEN BUILDING COUNCIL MEMBER®

For information on FloorScore, please see the back page.



Recycled Content

	Product Number	Total Recycled Content (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)	Total Recycled Content (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)	Total Recycled Content (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)	Total Recycled Content (%)	Post-Consumer Recycled Content (%)	Pre-Consumer Recycled Content (%)
Pigmented	PG40	90	90	0	92	92	0	91	91	0			
	PG41	92	92	0	92	92	0	90	90	0			
	PG42	91	91	0	91	91	0	89	89	0			
	PG43	90	90	0	90	90	0	88	88	0			
Safari Ultra	PG50	92	92	0	90	90	0				91	91	0
	PG51	91	90	< 1	89	88	<1				91	90	<1
	PG52	91	90	< 1	89	88	<1				91	90	<1
	PG53	91	90	< 1	89	88	<1				91	90	<1
	PG54	91	90	< 1	89	88	<1				91	90	<1
	PG56	92	91	< 1	90	89	<1				91	90	<1
	PG57	90	89	< 1	89	88	<1				90	89	<1
	PG58	90	89	< 1	89	88	<1				90	89	<1
Carnival Ultra	PG60	86	85	1	86	85	1				89	88	<1
	PG61	86	85	1	86	85	1				89	88	<1
	PG62	86	85	1	86	85	1				89	88	<1
	PG63	86	85	1	86	85	1				89	88	<1
	PG65	86	85	1	86	85	1				89	88	<1
	PG66	86	85	1	86	85	1				89	88	<1
	PG67	86	85	1	86	85	1				89	88	<1
	PG68	89	88	1	88	87	<1				90	89	<1
	Thickness	1″			2-1/2″			3-3/4″			4-1/4″		

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

Product Dimensions

PlayGuard Pigmented Tiles		Coverage (sq. ft./tile)	Weight (lbs./tile)	F1292-04 Critical Fall Height
24″ x 24″ x 1″	(60.96cm x 60.96cm x 25.4mm)	4	16	2′
24″ x 24″ x 2-1/2″	(60.96cm x 60.96cm x 6.35cm)	4	24	6′
24″ x 24″ x 3-3/4″	(60.96cm x 60.96cm x 9.52cm)	4	33	8′
PlayGuard Ultra Tiles				
24″ x 24″ x 1″	(60.96cm x 60.96cm x 25.4mm)	4	14	2′
24″ x 24″ x 2-1/2″	(60.96cm x 60.96cm x 6.35cm)	4	26	6′
24″ x 24″ x 2-1/2″ with 2″ (5.08cm) Polyfoam		4	26	10′
24″ x 24″ x 4-1/4″	(60.96cm x 60.96cm x 10.79cm)	4	36	8′

PlayGuard Reducers		Coverage (linear ft.)	Weight (lbs./pc.)
48″ x 8″ x 1″	(1.22m x 20.32cm x 25.4mm)	4	6
48″ x 8″ x 2-1/2″	(1.22m x 20.32cm x 6.35cm)	4	18
48″ x 12″ x 3-3/4″	(1.22m x 30.48cm x 9.52cm)	4	34
48″ x 12″ x 4-1/4″	(1.22m x 30.48cm x 10.79cm)	4	36

NOTE: All dimensional specifications are within 1/8″ +/-.

Physical Data Test

Typical Results

Characteristic	Test Method	Pigmented Tile	Ultra Tile
Density	ASTM D297	50 lb./ft^3 min.	70 lb./ft^3 min.
Tensile Strength*	ASTM D412, DIE C	150 lb./in^2 min.	180 lb./in^2 min.
Elongation at Break*	ASTM D412, DIE C	50% min.	70% min.
Abrasion Test*	ASTM D3389	less than 0.010″ lost	less than 0.010″ lost
Coefficient of Friction*	ASTM D2047	0.8 min.	0.8 min.
Flammability*	ASTM D2859	8 of 8 samples passed	8 of 8 samples passed

* Testing done on surface of tile

Technical Data

Installation - PlayGuard tiles can be installed using a variety of installation methods, from our Quad Blok™ system to a full-spread adhesive system. Applications range from indoor and outdoor, to rooftops, playgrounds, and patios. It can be installed on concrete, asphalt, or loose base surface with a protective fabric. For detailed installation instructions, please refer to the PlayGuard Installation Manual on www.playguardsurfacing.com.

Adhesive - ECORE developed EGRIP III, an easy to use single component polyurethane adhesive for adhering PlayGuard tiles to various substrates. Use only ECORE recommended adhesive. EGRIP III coverage rates are approximately 60 sq ft/gal on concrete and 50 sq ft/gal on asphalt using 1/8″ square notched trowel. EGRIP III is available in 2 or 4 gallon pails, and also a convenient 10.1 oz cartridge for installing the PlayGuard using ECORE's exclusive quad blok system. Coverage rate on 10.1 oz cartridge is ten quad bloks per cartridge using a 3/8″ bead of adhesive. For more detailed instructions, please refer to the PlayGuard Installation Manual.

Maintenance - To clean and maintain PlayGuard tiles, a routine cleaning with a power washer or scrubbing machine and mild detergent (non-petroleum base) will assure a long-lasting appearance. For detailed cleaning instructions, please refer to the PlayGuard Installation Manual on www.playguardsurfacing.com.

Warranty - PlayGuard Safety Surfacing is guaranteed by ECORE to be free of manufacturing defects in both material and workmanship. If such a defect is discovered, the customer must notify ECORE directly or through the contracting installer or distributor. If found to be defective within 15 years, the sole remedy against the seller will be either replacement or repair of the defective goods as outlined in the warranty coverage schedule, or at the seller's option, credit may be issued not exceeding the selling price of the defective goods. If product type or color purchased are no longer available at time of warranty claim, ECORE at its discretion may substitute a product determined by ECORE to be of comparable quality and price. The PlayGuard warranty shall not cover dissatisfaction due to improper maintenance, installation, or usage, or general misuse, including and without limitation: burns, cuts, tears, scratches, scuffs, normal abrasion from pedestrian traffic, damage, or discoloration from cleaning products not recommended by ECORE, or color change due to initial or extended exposure to direct sunlight or differences in color between samples or photographs and actual flooring. The warranty on PlayGuard products will vary by product offering. For the current and complete warranty on each PlayGuard product, please download the technical manual on www.playguardsurfacing.com.

Certified Information - The use of the International Playground Equipment Manufacturers Association (IPEMA) Certification Seal signifies that the manufacturer has received written validation from an independent 3rd party laboratory that the product associated with the use of the seal conforms with the requirements of ASTM F1292-04, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment. In addition, the validator has performed a plant and/or home office inspection, involving a review of the participants Quality Assurance Program, Installation Instructions, and complaint follow-up systems. The ASTM F1292-04 specification was established by the US Consumer Product Safety Commission (CPSC). All PlayGuard tiles meet accessibility guidelines established by the mericans with Disabilities Act (ADA) and are now certified to ASTM F1951-08, a determination of accessibility of surface systems under and around playground equipment.

ECORE International reserves the right to make updates to this catalog at any time.
For the most updated version please visit www.playguardsurfacing.com.
For more information on PlayGuard Playground Safety Surfacing,
contact ECORE at 800.851.4746 or visit www.playguardsurfacing.com.

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:

800.851.4746
www.playguardsurfacing.com