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SofTILE AP

Architectural Paver

Congratulations to
SofSURFACES Inc.

**1st
Place**



Sponsored by NRCA

hanley wood

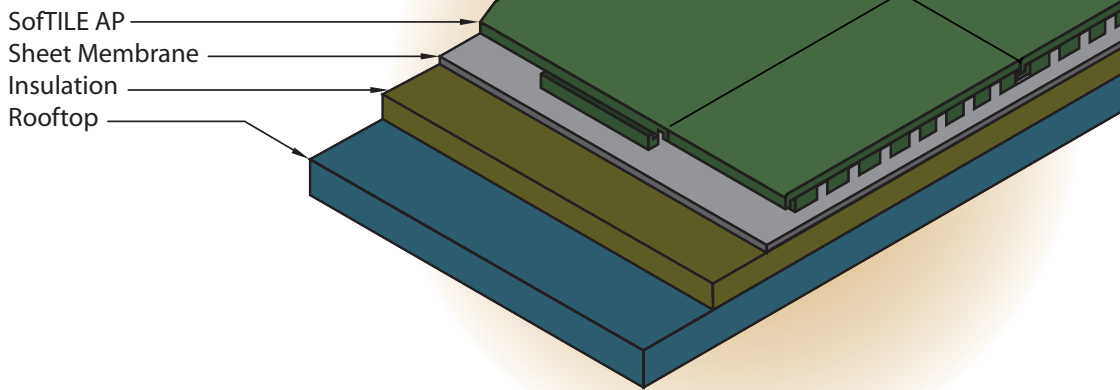
**2012 PRODUCT
SHOWCASE**

BEST GREEN PRODUCT

Turning empty spaces into people places.

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SofTILE AP Application Cross-section



PHYSICAL PROPERTIES					
Test Description	ASTM Ref.	Results		Test Lab	Test Date
		Plus	Premium		
Freeze Thaw	C67	–	No Deterioration	Element	08-12
Rubber Deterioration/Air Oven	D573	–	No Deterioration	Element	08-12
Abrasion Resistance	C501	205	77	DTL	04-12
Density	D3676	817 kg/m3	859 kg/m3	DTL	04-12
Slip Resistance	E303	44 Wet / 51.25 Dry	72.25 Wet / 63 Dry	QAI Laboratories	04-12
Slip Resistance	D2047	.533	.601	QAI Laboratories	04-12
Tensile Strength	D412 (Mpa)	.661	.636	DTL	04-12
Elongation at Break	D412	68.5%	35.3%	DTL	04-12
Tear Strength	D624 (kNm)	2.2	2.4	DTL	04-12
Peak Tear Load	D624 (N)	51	54.1	DTL	04-12
Flammability	D2859	Pass	Pass	DTL	04-12
Flammability - Roof Covering	E108	–	Class A	FMR	02-99

PACKAGING INFORMATION			
Thickness	Pcs/ Pallet (Plt)	Plt Weight Incl. Plt	Plt Height Incl. Plts
2.00" Standard	90	2250	36.00

Weight of individual SofTILE AP is 24 pounds.
Additional thickness available on request.

WARRANTY INFORMATION	
Type	Summary Details
Manufacturing	• 10 Year Pro-Rated

SofTILE AP is manufactured at a dimension of 24.2 inches and must be installed under compression to a dimension of 24 inches.

Please note that this brochure represents suggestions of potential product uses only. An architect or engineer should be engaged prior to the design process in order to determine suitability of the product for a particular application. Since each project is unique, it is important to consult the product details and installation recommendations during the design phase.

PLUS series

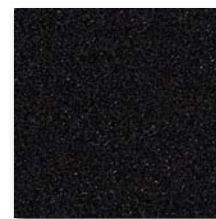


SofTILE AP is a fresh, innovative and resilient utility surface that protects your roofing investment year after year in all weather conditions.

When the primary design consideration is ballast or membrane protection, SofTILE AP's Plus Series is an ideal solution. By utilizing 100% recycled rubber, SofTILE AP ballast pavers provide an economical option for retrofit and renovation projects. Elongated rubber strands are used in the top course of the paver for increased durability and a smooth visual texture. The Plus Series provides six color offerings which are created through a pigmentation process.

Protection

UV deterioration, freeze thaw, hail, punctures and flying projectiles are all common contributors to premature failures of expensive roofing membranes. SofTILE AP protects the membrane mechanically and thermally by providing a shield that is trafficable, serviceable and attractive. Performance proven in the harshest climatic conditions, SofTILE AP is impervious to cracking, shifting and heaving.



Midnight Black



Saddle Brown



Slate Grey



Terra Cotta



Turf Green



Ocean Blue



Sandy Lane



Roasted Pepper



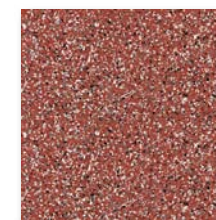
Multi-Grain



Spring Meadow



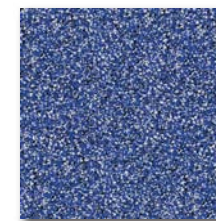
Bedrock



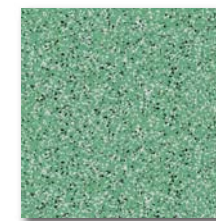
Fire Brick



Coral Clay



Blue Ice



Green Slate

PREMIUM series

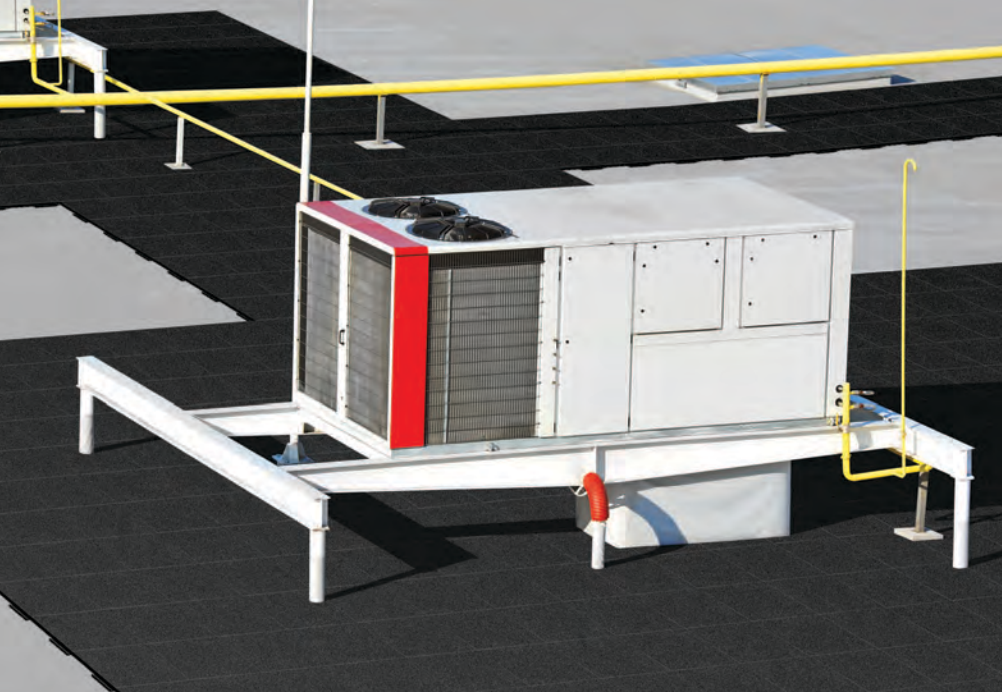
Replace blandness with beauty bringing patterns, texture and color to rooftop terraces.

The SofTILE AP Premium Series adds a new dimension to the roof top by creating viable recreation space. While retaining all of the protective features of the Plus Series, SofTILE AP Premium offers original design capability to satisfy the most discerning aesthetic requirements. SofTILE AP Premium offers a multitude of both vibrant and earth tone colors that can be mixed and matched for complete design integration. Pattern, texture and color capabilities are the hallmarks of the Premium Series.

SofTILE AP

Walkway Pads

A safe, simple, and economical utility surface that protects your roofing investment year after year in all weather conditions.



SofTILE Walkway Pads are an ideal option for membrane protection in all high-traffic areas, including access doors, roof hatches, HVAC units, and anywhere access is needed to service rooftop equipment. The pads interlocking design connects all tiles together ensuring that they stay in place while increasing ease and speed of installation. By utilizing 100% recycled rubber, SofTILE Walkway Pads provide an extremely durable and economical option to protect your roof from damage due to traffic and maintenance work. Compatible with most new and existing roof installations, SofTILE Walkway Pads are resistant to cracking, shifting and heaving.

High-Density Top Layer:

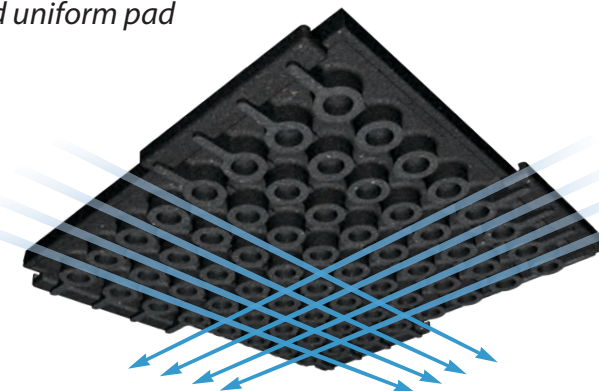
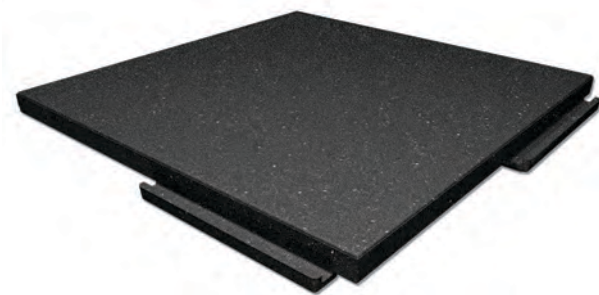
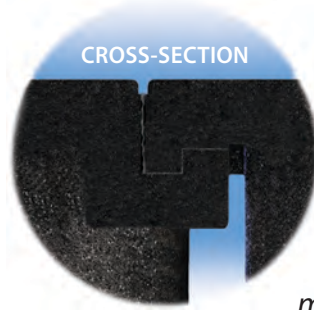
- Performance proven in the harshest climatic conditions
- Excellent traction in all weather conditions

U-Shaped Locking Design:

- Connects all tiles together to form a solid uniform pad
- Easy to transport and install

Built-In Pedestal Design:

- Raises the paver off of the roof membrane providing excellent multi-directional drainage
- Provides unparalleled cushioning, impact resistance and shock absorption from foot traffic, tool drops and accidental penetrations



MULTI-DIRECTIONAL DRAINAGE

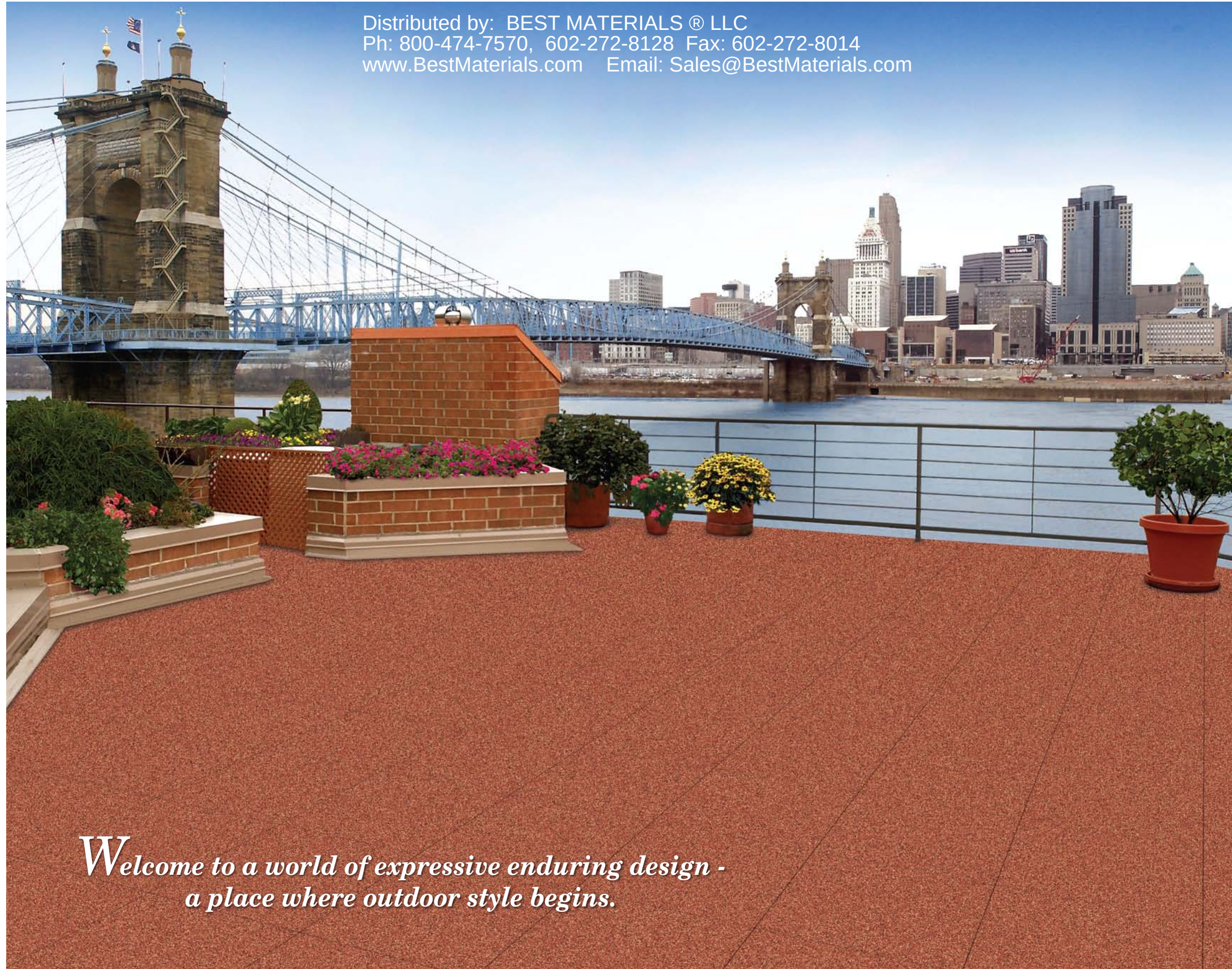
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*Welcome to a world of expressive enduring design -
a place where outdoor style begins.*



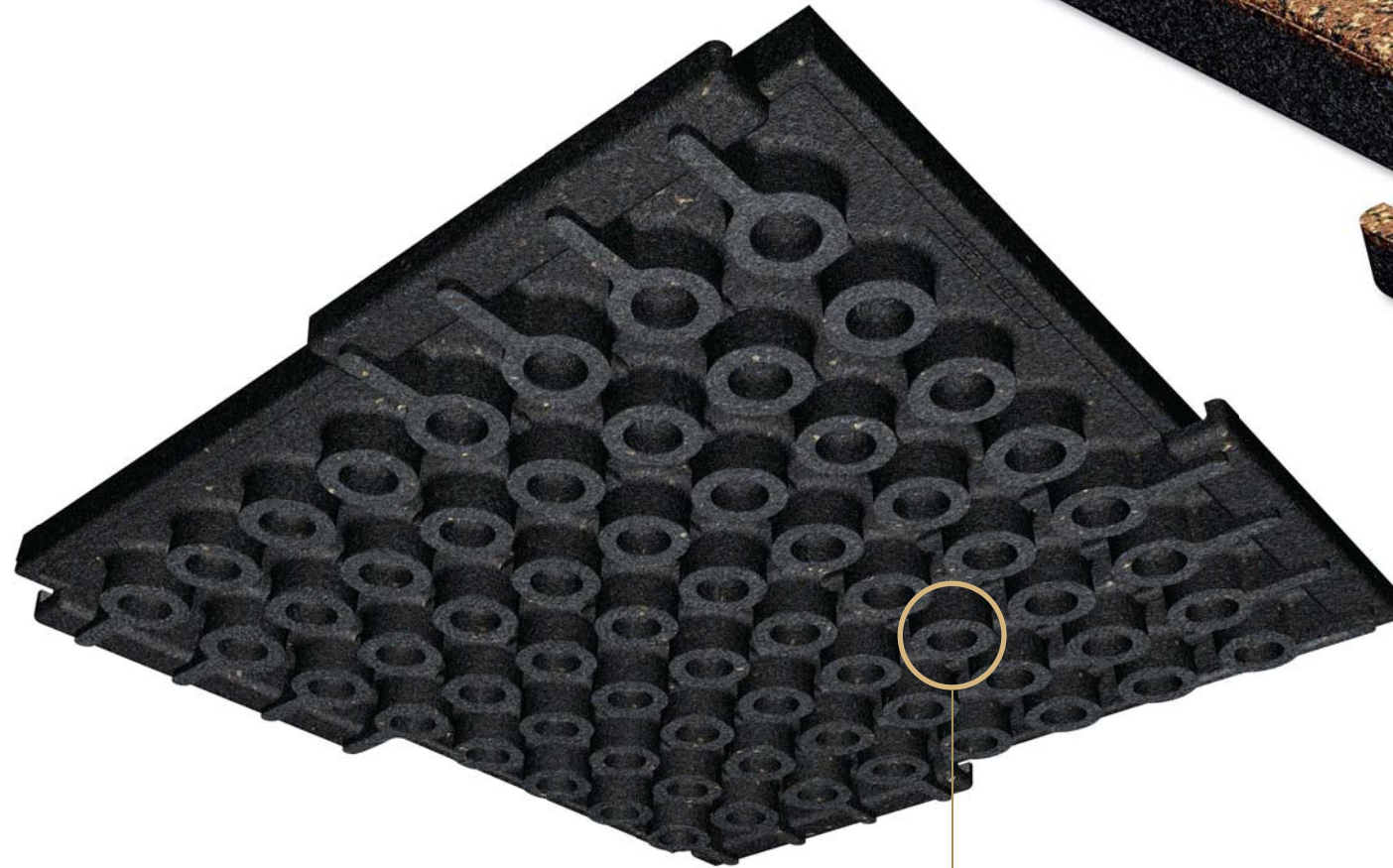
SofTILE AP ballast and architectural roofing pavers are used on applications where ballast, protection and visual appeal are primary design considerations. SofTILE AP goes beyond function by creating a truly authentic look and feel to rooftops and terraces.

While offering unlimited design potential, SofTILE AP also provides thermal and mechanical protection to the roof membrane. This unique marriage of form and function creates effective use of outdoor spaces above offices, hotels and apartment buildings.

SofTILE AP is manufactured from recycled rubber and specially formulated binding agents which are molded into a high density, durable locking paver. The locking feature, coupled with resiliency and color diversity are the unique benefits that have positioned SofTILE AP as the preferred product for rooftop applications.

DESIGN

features



Material Composition

Unlike concrete pavers, SofTILE AP provides a resilient, shock absorbing trafficable surface to compliment virtually any roofing system application. The resiliency of the rubber composition provides a flexibility that allows automatic adjustment to accommodate minor undulations and slope variation in the surface. The rubber composition is compatible with waterproofing membranes and does not require installation of a protective layer in most situations.

Built in Pedestals

SofTILE AP's built in pedestal design raises the paver off of the membrane providing superior multi-directional drainage. The hollow-core pedestal design evenly distributes the paver weight over 64 pedestals. The built in pedestal system is available in many different heights, easily accommodating a requirement for various paver elevations.



Chamfered Edges

SofTILE AP has been engineered with a chamfered edge to provide a precision fit and a defined linear finish.

Locking System

Patent U-shape locking design distributes wind lift evenly across the entire roof creating a monolithic surface for moderate wind conditions. The locking system is built into the tile and is complimented by the use of specially formulated adhesives. Locking the pavers together creates a secure system without disturbing the waterproofing membrane. This patent SofTILE AP feature allows ready access to the membrane in the event that maintenance is necessary.

