

TURFSCAPE™

A DIVISION OF

ACTGLOBAL™

Central Turf & Irrigation Partner Handbook

We expand your business through commitment, quality and integrity.



Letter from the Founder

Thank you for your interest in Turfscape and being a part of our Act Global family.

You are joining a company who is world-renowned for our social and technical culture. We have been impacting communities since 2004. Millions of children, players and families have enjoyed our turf in 90 countries around the world. We have earned our industry Synthetic Turf Council Philanthropy Award multiple times for our charitable works. We also recently won the industry Sustainability Award for our efforts to utilize millions of bottles of ocean plastic in our production and initiate recyclability into our turf. This is on top of our hundreds of environmental safety tests and research to ensure that your clients and their communities can enjoy their turf without concern for harmful chemicals or heavy metals.

Our Turfscape products use similar technology that is found in our NFL and FIFA soccer fields, 1.4 million square foot runway landing area for the U.S. Air Force Academy and landfill capping systems. Our turf simply lasts longer, holds its colors better and performs better than competing products.

This is the perfect time for you to launch the Turfscape products. This is a fast-growing market segment that has been proven steady even through the recent global events. Over the next 30 years with increased urbanization, communities have to be smarter with how we utilize our land and conserve water. Apart from the time, money and beautification benefits, Turfscape is a need. The EPA estimates that landscape irrigation accounts for a third of all residential water use, totaling more than 7 billion gallons per day. Yard trimmings account for 33 million tons per year and are the third largest component of municipal landfill waste. We provide a green alternative as homeowners can annually save up to 100,000 gallons of water with just 2,000 square feet of Turfscape.

I'm excited that you're reviewing this package, and we look forward to our growing partnership and creating a solid business with you. Let's work together to make a better tomorrow for our planet and communities.

Sincerely,

John Baize
CEO & Founder of Act Global





Be More

We are a dynamic, global synthetic turf company committed to BE MORE.



Our mission to “Be More” is ingrained in every facet of our business, every employee and throughout our value chain. With a foundation of innovation, integrity and quality, Act Global strives to positively impact society and maximize land use through the use of synthetic turf.



Innovate more.

Advancing turf products and services, with a focus on research, development and a vision to innovate.



Protect more.

Investing in green-friendly technologies, enhancing safety and promoting sustainable practices.



Play more.

Enhancing sports, community spaces, and leisure activity through synthetic turf.



Give more.

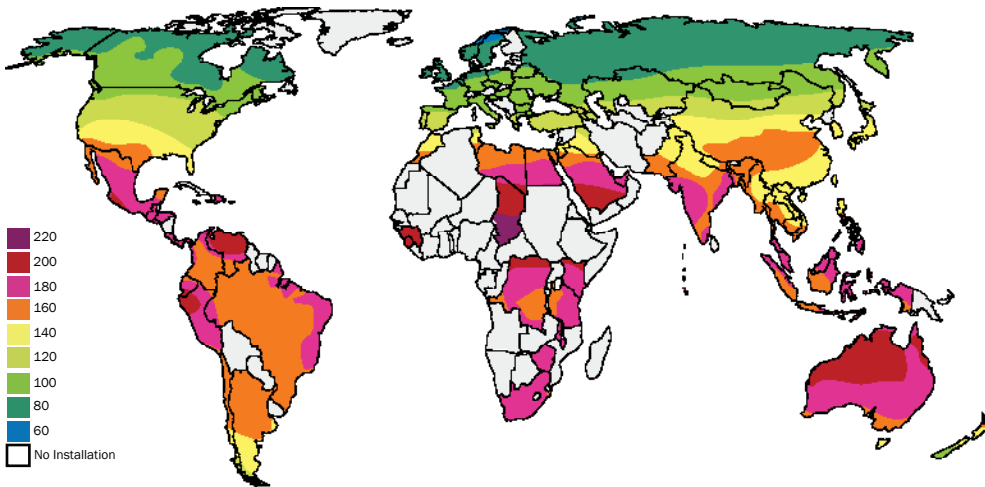
Supporting charitable and global aid organizations around the world.

As one of the **WORLD'S LARGEST** producers of synthetic turf, we take **quality seriously**.

📍 **Manufacturing facilities on 3 continents**

■ **Installations in over 90 countries**

UV EXPOSURE IN COUNTRIES WITH ACT GLOBAL INSTALLATIONS



1 kLangley = kcal/cm² = 41.84 MJ/m²
1 kLangley/year = 1.33 W/m²



ISO 9001 Quality

Act Global adheres to strict international standards proven to increase quality. We maintain state of the art operations to ensure each order is of the highest quality, and our team manually inspects every turf roll coming out of production. Strict quality controls, reporting and annual audits keep our operations lean, clean and accountable.

A DIVISION OF

ACTGLOBAL™



A PASSION TO GIVE MORE.

Our Technical and Social Culture

The EPA estimates that nationwide landscaping accounts for:

- Almost one-third of all residential water use (more than 7 billion gallons of water per day!)
- 33.2 million tons of yard trimmings (the 3rd largest component of municipal solid waste landfills.)

Turfscape saves a typical homeowner up to 100,000 gallons a year!

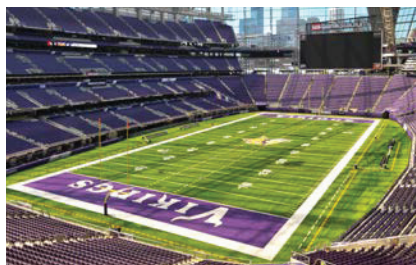


Full Range of Synthetic Turf Systems

A vision to INNOVATE



PERFORMANCE LEADERS
FOR PRO AND COMMUNITY
FIELDS



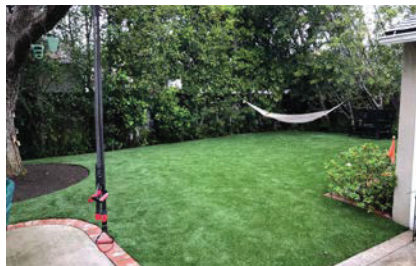
U.S. BANK STADIUM



DENVER BRONCOS PRACTICE FACILITY



WATER SAVINGS &
LAND ENHANCEMENT



COMMERCIAL & RESIDENTIAL



PLAYGROUND AND SPORT



IMPROVE RUNWAY
SAFETY & OPERATIONS



U.S. AIR FORCE ACADEMY



BOSTON LOGAN AIRPORT



TURF LINERS FOR CAPPING
LANDFILLS, COAL ASH, ETC.



Endless Installation Opportunities

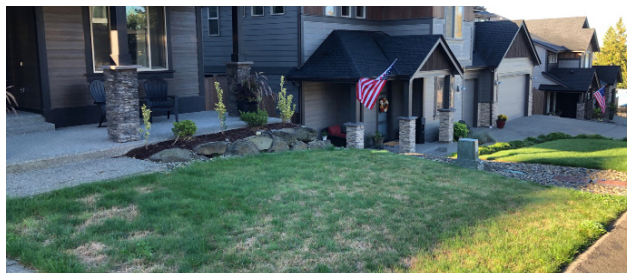
Applications

- Lawns/pet areas
 - Backyards
 - Swimming pools
 - Airports
 - Apartments
 - Businesses
 - Putting greens
 - Hotels/motels
 - Parks/playgrounds
 - Schools/offices
 - Retail locations
 - Restaurants
 - Churches
 - Golf courses
 - Street medians
 - Trade shows ...
- And many more!!!

Benefits

- Improve curb appeal
- Increase property value
- No mowing - yard trimmings are the 3rd largest landfill component
- No watering - 2,000 sf can save up to 100,000 gallons/year
- No weeding
- No fertilizing or pesticides
- UV stability
- Worry free enjoyment - most eco-tested turf for pets & kids
- Support donations to Water.org

Before



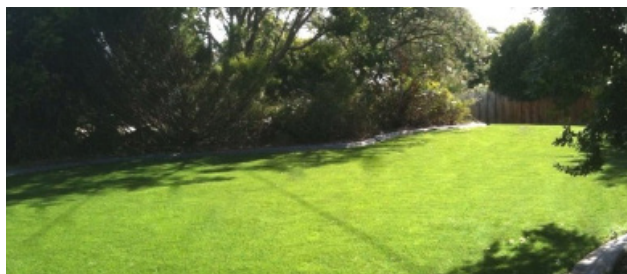
After



Before



After

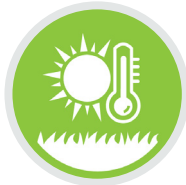


Gearing Up for Success

Product Leadership & Guaranteed Quality



Made in the
USA!



UV Protected &
Tested



Water, Heat &
Frost Resistant



Anti-Static
Properties



Anti-Microbial
Without Added Metals



Pet
Friendly



Unmatched, 15
Year Warranty



Complete
Environmental
Testing



No Rubber Infill
Necessary



Guaranteed
Drainage Rate
40 In/Hour



A Winning Partnership

Become an exclusive territory partner with

TURFSCAPE[™]

We Provide

Management

- Leading value proposition and top tier products
- Dedicated account partner
- Strategic planning support
- Administrative forms such as quotes and order agreements
- Exclusive territory protection
- Complete transparency to product specifications and inventory updates
- Guidance on proper installation techniques and maintenance
- Security of working directly with leading US manufacturers

Marketing

- Social media support
- Brochures and videos
- Turfscape sample box and stand
- Account set-up assistance with lead services (Google, Yelp, Houzz, HomeAdvisor)
- Business cards and customized letterheads
- Digital library (photos and logos)
- Turfscape website with domain name designated to your territory
- Product testing and warranties
- 24/7 support, manufacturing plant tours, webinars

Ongoing Business Support



Turnkey Onboarding & Startup Packages

Sales

- Customer Relationship Management (CRM) set up with Hubspot
- Regional lead generation
- Having our reputable brand and installations as a reference
- CAD drawings available from in-house designer

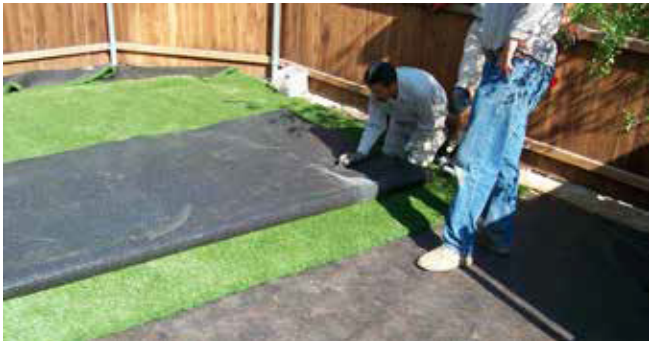
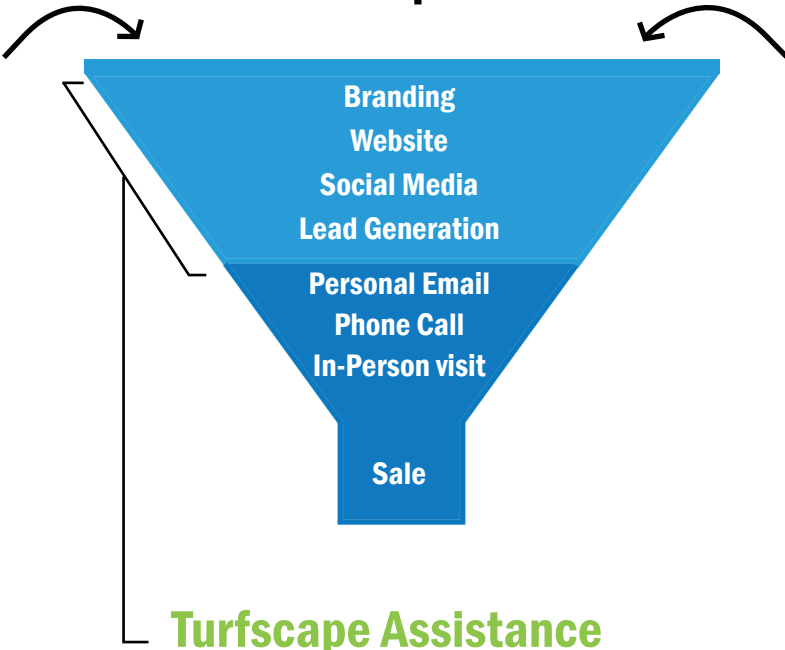
Operations

- Shipping in a timely, cost effective manner
- Effortless order processing
- Installation training
- Reliable nationwide freight companies
- Options of delivery or will call depending on your location

Finance

- No franchise or royalty fees
- Credit term options available
- Exclusive wholesale pricing - no middleman
- Financing option for commercial projects

Sales Pipeline



Rock in Rio
MGM Resorts Grounds
Las Vegas, NV
532,000 ft²



It's Lucrative to be in Turf!

The EPA estimates that nationwide landscaping accounts for almost **7 billion gallons** of water per day and **33.2 million tons** of yard trimmings. As a Turfscape dealer, not only will you be engaging in environmental awareness, but also helping save a typical homeowner up to **100,000 gallons** of water and **thousands of dollars** a year.

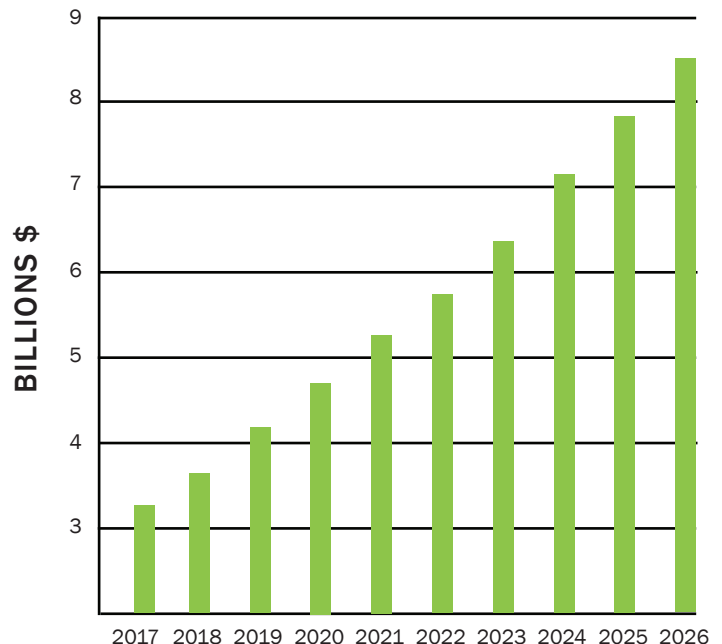
Why “Go Green”?

The global artificial turf market is projected to grow from **\$3.25 B** in 2017 to **\$8.56 B** by 2026. As the North American market continues to increase, now is the time to join an industry where **87 million sqft** of landscaping grass is installed each year.*

The demand is on the rise and you can be part of its growth! This is an excellent opportunity for consistent revenue in a stable market. Join a team that cares about the environment, communities we live in and delivers quality products that solve real world needs. Turfscape makes it easy.

*Sources: Research and Markets, ReasearchandMarkets.com, STC Market Report.

Global Artificial Turf Market



Ten Reasons to Choose **TURFSCAPE**[™]

Commitment

Our elite network of certified partners receive **exclusive** price breaks and a **dedicated** account representative. As part of our network, Turfscape will provide **turnkey solutions** for our landscaping systems. Including marketing, sales, technical and strategic support.

Values

Turfscape represents **professionalism, culture, tradition and integrity**. We pride ourselves on the values and community spirit that we share with our network of certified partners.

Made in the USA

Act Global has a world-class manufacturing facility in North America. We are proud of our **USA-owned and operated** facility in Calhoun, Georgia.

Quality

Our products last longer and perform better. Our factory is **ISA 9001 Quality Certified**, and we are an **STC Certified Manufacturer**. When considering total cost of ownership and the costly risk to property values due to early fading or premature wear, we invite you to trust an industry leader that performs over 200 quality tests for strength, UV stability, product consistency, etc.

Technology

Our technology is unmatched in the industry. We utilize the best raw materials and our clients have the peace of mind that their turf utilizes technology that is similar to some of the most demanding clients in the world (NFL, FIFA soccer, NCAA teams, airports and U.S. Air Force Academy). When buying Turfscape, you will have the **latest and greatest technology** available in the market.

Reliability

Our **warranty** is backed by the strength of our USA-owned factory and includes UV degradation, water, heat, frost damage, etc.

Environment

As a recent winner of our **Synthetic Turf Council Sustainability Award**, we have the passion to improve our planet. Our products pass EN71-3 European Toy Standard and have been tested to all the industry environmental consideration (PFAS, heavy metals, VOC's, PAH's, etc). When looking at a product that is intended for the next decade, please choose one that is proven **safe for kids, pets and eco/water systems**.

Community

A Turfscape partnership grows your business the right way and is set up for **long-term success** that improves the lives of families, pets, and the communities. As a repeat winner of the Synthetic Turf Council Philanthropy Award, we support many different charities and your partnership helps us to **change the world!**

TURFSCAPE™



NATURAL

Turfscapes's Natural product features an industry-leading, W-shaped grass yarn technology that mimics the beauty of natural grass blades while standing upright for long-term enjoyment.

Turfscapes is manufactured by a leading, USA-based synthetic turf company (Act Global) with sales in 90 countries and turf brand found in 16 NFL facilities. Your land and property is valuable - invest in the strength and security of Act Global AND support American jobs!



**W-SHAPED GRASS
YARN TECHNOLOGY**

Recommended Applications	Moderate traffic conditions, families and pets
Colors	Four colors in total for a natural blend: Primary yarn - field and olive green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	14,400 total
Pile Height	1 3/4" tall
Grass Yarn Face Weight	60 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

*** See 15 Year Limited Warranty for detailed terms and conditions**

Above product specifications are subject to change without notice and include a typical 10% manufacturing tolerance

TURFSCAPE™



NATURAL ESTATE

Turfscapes's Natural Estate product features an industry-leading, W-shaped grass yarn technology that mimics the beauty of natural grass blades while standing upright for long-term enjoyment. The Estate version is for high-end buyers that want the best.

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**W-SHAPED GRASS
YARN TECHNOLOGY**

Recommended Applications	Moderate traffic conditions, families and pets
Colors	Four colors in total for a natural blend: Primary yarn - field and olive green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals – guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	14,400 total
Pile Height	1 3/4" tall
Grass Yarn Face Weight	75 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

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TURFSCAPE™



LEISURE

Turfscapes Leisure product features an industry-leading, Ultra Soft grass yarn technology that provides the comfort and plush feel that many people desire. Go back to the reason we want to own Turfscapes - for beauty and relaxation!

Turfscapes is manufactured by a leading, USA-based synthetic turf company (Act Global) with sales in 90 countries and turf brand found in 16 NFL facilities. Your land and property is valuable - invest in the strength and security of Act Global AND support American jobs!



**ULTRA SOFT GRASS
YARN TECHNOLOGY**

Recommended Applications	Low traffic conditions, families and pets
Colors	Four colors in total for a natural blend: Primary yarn - field and olive green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals – guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	12,800 total
Pile Height	1 3/4" tall
Grass Yarn Face Weight	60 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

* See 15 Year Limited Warranty for detailed terms and conditions

Above product specifications are subject to change without notice and include a typical 10% manufacturing tolerance

TURFSCAPE™



LEISURE ESTATE

Turfscapes's Leisure Estate product features an industry-leading, Ultra Soft grass yarn technology that provides the comfort and plush feel that many people desire. The Estate version is for high-end buyers that want the best. Go back to the reason we want to own Turfscapes - for beauty and relaxation!

Turfscapes is manufactured by a leading, USA-based synthetic turf company (Act Global) with sales in 90 countries and turf brand found in 16 NFL facilities. Your land and property is valuable - invest in the strength and security of Act Global AND support American jobs!



**ULTRA SOFT GRASS
YARN TECHNOLOGY**

Recommended Applications	Low traffic conditions, families and pets
Colors	Four colors in total for a natural blend: Primary yarn - field and olive green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	12,800 total
Pile Height	1 3/4" tall
Grass Yarn Face Weight	75 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

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TURFSCAPE™



HIGHLAND

Turfscape's Highland is a beautiful and full looking product that is packed with four different primary yarn fibers. It includes two W-Blades in field/olive green and two Diamond blades in lime/hunter green. The end result is an exceptionally photogenic landscape system that looks real, feels soft and is incredibly durable.

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**2 BLADE
COMBINATION
(4 COLORS)**

Recommended Applications	Moderate/high traffic conditions, playgrounds, pets and commercial use
Colors	Four primary colors for a natural blend: 2 W-Blade in field/olive green 2 Diamond Blade in lime/hunter green 2 Thatch Yarn in fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	14,400 total
Pile Height	1 1/2" tall
Grass Yarn Face Weight	48 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

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TURFSCAPE™



MULTIPLAY

Turfscapes' Multiplay product features an industry-leading combination recreation and leisure product construction that provides the beauty of landscaping in a variety of applications. This is Turfscapes' most versatile product and softest low-cut grass!

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**EXTREME
DURABILITY**

Recommended Applications	High traffic conditions, pool sides, playgrounds, rooftops, pets, school yards, commercial landscaping and indoor sports facilities
Colors	Four colors in total for a natural blend: Primary yarn - field and lime green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *
ADA Compliance	Pass

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability included and guaranteed! *)
Grass Yarn Denier	12,800 total
Pile Height	1 1/8" tall
Grass Yarn Face Weight	60 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

* See 15 Year Limited Warranty for detailed terms and conditions

Above product specifications are subject to change without notice and include a typical 10% manufacturing tolerance

TURFSCAPE™



MULTIPLAY PRO

Turfscapes's MultiPlay Pro product features an industry-leading product construction that combines recreation and leisure. A 3mm pad makes it the perfect solution for indoor sports, recreation and play areas. The strength and durability of MultiPlay combined with a shock absorbing pad creates a comfortable, safe and versatile surface.

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**SHOCK
ABSORPTION**

Recommended Applications	High traffic conditions, indoor sports facilities, weightlifting/agility/training areas, indoor dog agility, batting cages and indoor play areas
Colors	Four colors in total for a natural blend: Primary yarn - field and lime green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Monofilament with thatch (UV stability and W-shape blade technology included) - UV guaranteed! *
Grass Yarn Denier	12,800 total
Pile Height	3/4" tall
Grass Yarn Face Weight	50 oz/sy
Tufting Gauge	3/16 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	60 oz/sy of 3mm polyurethane foam padding
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	(Optional) Approximately 2 pounds per square foot
Total Weight	110 oz/sy
Pad	3mm

* See 15 Year Limited Warranty for detailed terms and conditions

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TURFSCAPE™



TRIPLE PLAY

By combining the most durable, high-performing yarns available, we have designed a synthetic turf system with superior aesthetics, resilience and playability. Triple Play is comprised of dual monofilament, fibrillated, and thatch yarns. The resulting system is proven to provide excellent athletic performance and long-lasting value.

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**4 FIBER
DURABILITY**

Recommended Applications	High traffic conditions, playgrounds and pets
Colors	Monofilament - field and lime green Fibrillated yarn - field green Thatch yarn - fresh green and tan
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Grass Yarn	Diamond/Wing Diamond Monofilament, Fibrillated, Thatch (UV stability and performance technology included) - UV guaranteed! *
Grass Yarn Denier	26,400 total
Pile Height	1 1/4" tall
Grass Yarn Face Weight	50 oz/sy
Tufting Gauge	3/8 inch
Processing	USA
Primary Backing	UV stabilized, multi-layer woven polypropylene - grab tear strength guaranteed! *
Reinforcement Coating	20 oz/sy of high-grade polyurethane
Drainage Rates	40 inches per hour - guaranteed! *
Melting Point	Over 220° F - guaranteed! *
Water, Heat and Frost Resistance	Yes - guaranteed! *
Standard Roll Size	15 feet wide by 100 feet long
Recommended Infill	Approximately 2 pounds per square foot for landscaping use

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TURFSCAPE™



EAGLE

As one of our premiere putting surfaces, this product is ideal for putting, short chip shots and indoor golf facilities. The speed of the green will depend on the installation method. This product can be installed indoors or outdoors on concrete or compacted aggregate base.

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**PREMIER PUTTING
SURFACE**

Recommended Applications	Golf and putting greens
Colors	Forest green
Warranty	Industry leading, 15 Year Limited Manufacturer's Warranty - guaranteed workmanship, UV stability, water/heat/frost resistance, grab-tear strength, drainage, grass yarn melt points and chemical and environmental regulations. *
Environmental	Meets EN71-3 (European Toy Standard) and EPA/RCRA regulations for toxic waste and heavy-metals -- guaranteed! *

Product Specifications

CHARACTERISTICS	SPECIFICATIONS
Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Texturized Polyethylene
Standard Colors	Forest Green
Backing	Polyurethane
Face Weight	50 oz/sy
Total Weight	77 oz/sy
Pile Height	5/8" inch
Tufting Gauge	1/5" inch
Perforations	Yes

*** See 15 Year Limited Warranty for detailed terms and conditions**

Above product specifications are subject to change without notice and include a typical 10% manufacturing tolerance

Turfscape Planning Guide

We are excited that you are planning to Turfscape your area! We are pleased to provide this planning guide to assist you and enhance your Turfscape experience. If you have any questions, please contact your local Turfscape representative.



1. Product match

Determine your usage and needs so the product may be matched. Here are a few examples:

APPLICATION	PRODUCT OPTIONS
Low traffic	Leisure or Leisure Estate
Moderate traffic and pets	Natural or Natural Estate
High traffic, pets, sports and playgrounds	Active, Triple Play or MultiPlay
Putting	Eagle

2. Measure your area

- Use graph paper and a 100 foot tape measure to measure and layout your area including any trees, paths or other areas. Large areas may utilize a measuring wheel.
- Calculate the total area to be installed with the following considerations:
 - Turfscape is supplied in 15 foot roll widths.
 - Your Turfscape layout is important as you wish to minimize the number of seams and layout the Turfscape in the same direction. Turfscape is a textile product and installing it in different directions will have a visual impact (think installing patterned wallpaper). Additionally, you will want the turf laid out so the grass blades “face” towards the viewer’s perspective - such as towards a backyard porch.
 - If you have many curves and shapes to your area, please add 10% to 20%.
 - Allow for an extra 6 inches around the perimeter for measuring or cutting errors.
 - Consider additional turf that may be useful in other areas of you property.

3. Create a site plan and design

Your Turfscape project presents a wonderful opportunity to enhance the long-term beauty of your area. Your project site plan and design should consider:

- Evaluate current soil conditions - Turfscape generally recommends 4" of base rock although some customers may require less or more based on soil stability. If drainage is an issue, drainage pipes or a trenched area with clean, open stone may be considered. Weed problems should be addressed prior to installation.
- Irrigation - existing sprinkler systems need to be capped or removed entirely.
- Unwanted animals or pests may require additional barriers or prevention plan.
- Tree roots - need to be protected from harm or addressed to fit your needs.
- Windows and metals - "Low E" windows or metals may greatly intensify and magnify the heat on your Turfscape surface. In such an instance, alternative decorative materials should be used in these areas.
- Edging - there are multiple options to enhance a clean, finished look. For straight perimeters, a nailer board is recommended. Areas with curves or around trees can utilize a bender board. Curbing and decorative rocks or paver stones in high traffic areas provide nice design options.
- Compliance - Comply with local regulations such as Homeowners' Associations rules and call your local dig alert to avoid damage to underground utilities.

4. Prepare a list of materials

- Turfscape product - please consider the product weights for handling. For instance, a 60oz face weight, 87 oz total weight – a 1500 sf roll weighs 906 lbs plus the packaging core.
- Base rock - 1/4 inch to 3/8 inch minus or equivalent is suggested. A rule of thumb (subject to local supply) to calculate the number of tons required is:
 - For every 2" of base rock, divide the total square footage by 120 to equal the number of tons ordered.
 - For example – 1000 square feet installation
 - 2" base rock: $1000/120 = 8.33$ tons to be ordered
 - 4" base rock: $1000/120*2 = 16.66$ tons to be ordered
- Infill - we recommend between 2 lbs per sf to 4 lbs per sf of proper sand infill. Shock pads or rubber infill may be added for additional shock absorption and performance.
- Material estimates - please consider a smart-tool, such as ArcSite, to help you generate a bill of materials. This software also can be used for visual site data and creating proposals.
- Please be sure materials and tools fit the desired design. Turfscape provides a list of tools. The tools are needed for sod removal, installing and compacting base rock, seaming the turf, fixing the turf to a perimeter, adding infill and brushing the infill into the turf.

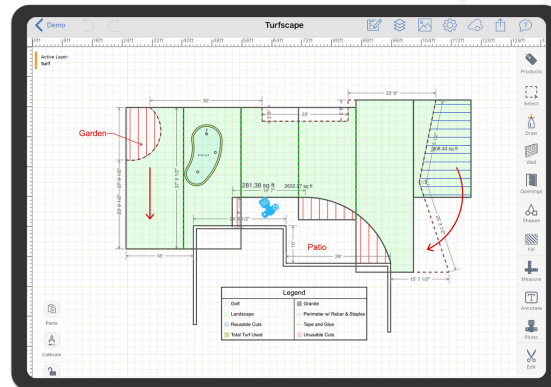
TURFSCAPE™



Turfscape is proud to partner with ArcSite, an **easy-to-use drawing and sales presentation tool** that helps you visually communicate your services in the most appealing way possible.

Easily capture and draw visual site data

ArcSite's intuitive drawing system helps you capture every detail needed to complete the job with speed and precision. With easy access to CAD tools, ArcSite users can easily draw their work without worrying about slowdowns or mistakes! Plus its photo tool embeds important site photos into drawings so they are never forgotten again.



Add your Turfscape products to the drawing

Your ArcSite account comes with the exact products you are used to quoting. Simply drag and drop them onto your site drawing for an even more streamlined process!

Generate a bill of materials and a customer proposal, instantly

With just a tap of a button, ArcSite calculates both a product takeoff as well as a customer proposal. These documents are generated instantly based on the attributes in your product database combined with the data you drew into your site drawing. It's really that easy!



Sign up for a free demo and learn more at ArcSite.com/partners/Turfscape

TURFSCAPE™

INSTALLATION GUIDE





TurfscapE Installation Guide

Required Materials

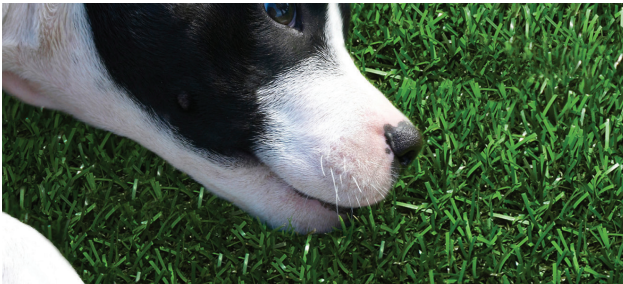
- TurfscapE
- Shovel or gas powered sod puller
- Vibrating plate compactor
- Weed barrier mesh
- Rock aggregate
- Utility knife
- Sand infill
- 12" wide seaming tape
- Push broom or motorized brush

Suggested Materials

- Outdoor spray paint
- Seed drop spreader
- Weed/grass killer
- Water filled sod roller
- Galvanized 40-60d nails

* Most of these materials can be found at your local nursery or rented from a home improvement store

Installing Turfscape yourself can be a cost efficient process. With basic engineering considerations and these simple steps, you'll be on your way to low maintenance bliss.



General Installation Instructions

Step 1 - Planning

Identify and mark off the area that you want to install artificial grass with an outdoor spray paint. Consider the dimensions of your Turfscape to try to get as few seams as possible with your layout.

Step 2 - Clearing the Land

Remove sod by using shovels, using/renting a gas powered sod puller or engaging a local landscaper to remove the sod. You will wish to remove approximately 2" to 3" of soil. Ideally, the sub base will be pitched slightly towards the best direction to allow for water drainage to run-off. Also, after the sub base and artificial lawn is installed, you will want to have the edges of the artificial lawn at an even level with the natural landscape.

Step 3 - Water Systems

Cap sprinklers. Turn off valves.

Step 4 - Compacting the Surface

Compact existing ground to "firm it up fully" (you can rent a vibrating plate compactor at most rental centers.)



Step 5 - Weed Barrier

Spray weed/grass killer and place a weed barrier mesh down (not always necessary in all areas of the country, such as in the desert).

Step 6 - Sub Base

Add a top layer of rock aggregate (1/4" minus is best so you don't feel any protruding rocks when you walk on your Turfscape). The purpose is to firm and level your base. 1" - 3" of base is usually enough, although in some areas of the country where the soil is especially unstable you may need up to 5" of base material. Just ask a local expert like a nursery, landscape center, or rock yard if you are not sure. If more than 3" of base material is used, you will also need to increase the amount of soil removal.

*Tip

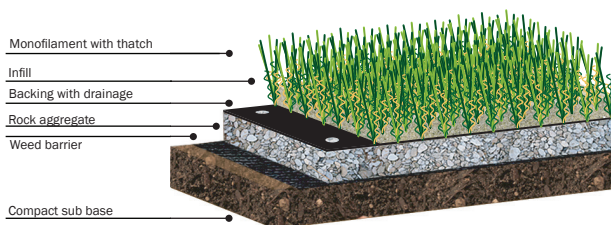
Allow the sub base to completely dry before laying any rock aggregate. This reduces settling and ensures proper compaction for the surface.

Step 7 - Compact Sub Base

Spread, and then compact the sub base material twice. Use the vibrating compactor again.

Step 8 - Inspect the Surface

Check surface for depressions. Any depression areas 1/8"-1/4" or deeper should be filled in and re-leveled. Although the turf also drains vertically through the drainage holes that are manufactured in the fake grass, it is still advised to give the sub base a slight slope, to avoid any pools of water (slope away from the buildings).



Prepare Surface



Weed Barrier



Sub Base



Sub Base Compaction



Step 9 - Lay the Turf

Roll out the turf. Carefully position the Xtreme Lawn where you would like it. Try to be accurate as to not cut off turf you actually need. Avoid dragging the turf.

*Tip

We suggest rolling out the turf the day before installation to allow the fibers to relax to its natural upright position.

Step 10 - Cut to Size

Cut off excess material so it's easier to work with. Always use a sharp blade in your utility knife! Make sure the turf is still positioned where it goes. Now, trim turf more exactly to fit up against the edge. For optimal performance and beauty, make sure the turf is installed exactly over the prepared base.

Step 11 - Seaming

Make a seam where the two pieces of turf come together. (You can always pay a local carpet installer to help you for a few hours with this process if it makes you feel more comfortable.) The seams are simply glued together with any outdoor carpet glue (honey colored glue seems to work best) and seaming tape.

Cut the 12" wide piece of seaming tape the length of the seam. The turf is to be laid seam to seam the way that it should look to ensure it fits tightly together before it is glued. Lay the seam tape down on the base directly underneath the two pieces of turf that are to be joined lengthwise.

*Tip

The pattern of turf stitching on the under side must run in the same direction as the seaming tape before the two pieces are adhered.

Before adhering both pieces of turf, ensure that both edges have been properly trimmed, straight, and will match up perfectly.



Lay The Turf



Cut The Turf



Seaming Tape



Seaming Glue

Applying the gluing compound to the entire piece of seam tape with a notched trowel. Place one side of the turf in the middle of the tape (approximately 6") to the center of the tape. Lay the other side of the turf over the middle of the seam tape to match up exactly to the turf that has just been adhered to the tape. Mesh the fibers together with fingers or brush. Allow 24 hours for glue to properly dry. The following procedures can be administered during the drying time, but turf may shift and require repositioning.

Step 12 - Infill Preparation

It is a good idea to nail the perimeter every 6" with 40-60d nails (4-6 inch length). For infill preparation, motorize brush the turf in the opposite direction that the turf is naturally laying. This will allow the infill material to infiltrate the turf rapidly and prevent turf blades from getting trapped underneath.

Step 13 - Infill

With a seed drop spreader, use silica sand as an infill to help weigh the turf down and stabilize the fibers so as to help avoid "matting". It's important to use silica sand - not playground sand - to avoid clumping and clogging the drainage. Spread the infill in several passes. As you spread the sand infill, you should make one entire pass on the surface then sweep it down into the fibers, repeating the process until all of your infill has been spread. Repeat motorized brush after infill spread.

Step 14 - Optional Edging

Depending on your yard, you may want to install some type of edging material around your new Xtreme Lawn. Natural stone, rock borders, metal edging and plastic edging (similar to what is used around flower beds) are all popular. If not, new natural grass may be laid around the area to provide proper tie-in and to ensure the best appearance.

*Tip

Calculate the amount of infill in advance, as you will want to leave 5/8" (+- 1/8") of the grass blades exposed.

1.5 lbs of sand = 1/2" infill height per sqft

1 pound of 10-20 mesh rubber = 1/2" infill height per sqft



Line The Seams



Nail The Turf



Spread Infill



Brush Infill

TURFSCAPE™

INSTALLATION GUIDE

TOOLS



TOOL	BRAND
Utility Knife	OLFA 18mm Heavy Duty Utility Knife
Turf Trolley	Gundlach No.847 Senior Carpet Cart
Carpet Kicker	Roberts 10-412 Deluxe Knee Kicker
Cultivator	RYOBI 16 in. 13.5 Amp Corded Cultivator
Power Broom + Bristle Attachment	Shindaiwa PS262
Vibrating Plate Compactor Carpet	Powerhouse Single Direction Plate Compactor
Rake	Grandi Groom
Steel Tamper	Razor-Back 10"x10"
Spreader	Meyer Hotshot Spreader - 70 lb capacity
Turf Gripper	All Top Turf Turf Gripper
Leveling Rake	Rocklin Industry Levelawn 30"x10"
Sheers	Clauss 8" Titanium Bonded WorkBench
Staple Gun	Surebonder Pneumatic Staple Gun, Model
Seaming Tape & Adhesive	9600 Synlok Adhesives
Weed Barrier	
Bender Board	
Non-Galvanized 5" Nails	

TURFSCAPE™

MAINTENANCE GUIDE





Turfscape Installation Guide

Introduction

Why to maintain your Turfscape
Protecting Your Lawn Overview

Routine Maintenance

- Maintenance Equipment
- Keeping the Surface Clean
- Grooming and Maintaining Infill Levels

Special Circumstances

- Snow and Ice
- Static Electricity
- Spills and Stains
- Fire
- Pets
- Removal of Foreign Objects & Contaminants

TO MAXIMIZE THE ENJOYMENT AND INVESTMENT OF A TURFSCAPE, PLEASE KEEP THE FOLLOWING MAINTENANCE GUIDELINES IN MIND.

Protecting Your Lawn Overview

Do not perform any maintenance or other activity that may invalidate the warranty.

The following may damage the Turfscape: accidents, vandalism, spiked shoes, wire brushes, fires, fireworks, floods, lightning strikes, chemical reactions, the use of dry cleaning fluids or improper cleaning methods, high pressure sprays exceeding 500 psi, storage of heavy materials on the lawn and non-approved infill materials. Perform routine repairs and maintenance on an as needed basis, including:

- Inspections and minor repairs to avoid hazards.
- Keep the surface clean and free of debris and contaminants.
- Groom the surface to preserve appearance, keep grass fibers upright, and maintain even infill levels.

MAINTENANCE EQUIPMENT

Leaf Blower - Remove leaves and other organic debris

Stiff Broom Brush - Regularly brush turf to keep fibers upright and maintain even infill levels

Hose - Lightly spray down turf to clean and cool turf

Mild Detergent - Clean up stains and spills on turf

Plastic Rake - Use to remove leaves and other debris

Seed Drop Spreader - Add more infill if necessary



KEEP THE SURFACE CLEAN

Remove Waste

Remove debris such as leaves and branches from the surface using a leaf blower or a plastic rake. Do not use a rake with metal or wire bristles on the turf - this can tear the fibers.

WHY TO MAINTAIN YOUR TURFSCAPE

Keep your Turfscape in good condition

Avoid degradation of heavily used areas and compaction of the infill

Maximize the appearance, durability and longevity of the Turfscape

Spray Down the Turf

In areas where the rainfall is scarce, we recommend lightly spraying Turfscape occasionally to help flush debris, allergens and other airborne buildup that might accumulate on the turf.

Chemicals and Other Liquids

Do not use cleaning chemicals containing alcohol or acetone solvents. Take care to avoid spilling any petroleum-based liquids, including fuel, onto the surface.

Brush the Surface

Use a stiff broom brush to rake the fibers against the grain, paying attention to high traffic areas. Regular brushing helps maintain uniform infill levels, keep the grass fibers upright, remove debris, and improve long-term appearance and performance. Keep in mind that high use areas are prone to greater infill displacement.

Equipment

Use a static brush for general infill leveling and to stand up the grass fibers. Use only synthetic fiber bristles, not metal or wire bristles.

Brush Height Setting

The optimum brush height will generally work best when the brush barely touches the tips of the turf. Do not set the brush so low that it digs into the turf pile or backing.

Restore Infill Levels

Infill levels may decrease due to a variety of reasons - wind, storms or may leave on clothing or shoes - and over time the levels may need to be replenished.

GROOM THE SURFACE & MAINTAIN INFILL LEVELS



Weed and Pest Treatment

Treat with herbicides or pesticides, as required.

SPECIAL CONSIDERATIONS

Snow & Ice

Allow snow and ice to melt and drain naturally through the artificial grass. Do not try to break the ice or use a shovel on the turf as this can break the frozen grass fibers or turf backing. Be mindful when shoveling driveways or sidewalks next to your Turfscape. It is safe, however, to walk and play on your Turfscape in the winter.

Static Electricity

Surfactants, like liquid laundry fabric softeners, can reduce static electricity.

Spills and Stains

If you spill sticky or staining substances on your turf, clean the area promptly. Most stains can be removed easily with a solution of hot, but not boiling, water and a mild household detergent. Brush the stain with a stiff bristle brush, scrub the area with soap and water, rinse with clean water, and pat dry.

Do not use cleaners that contain chlorine bleaches or highly acidic cleansers. Rinse area thoroughly following mopping with clean water to remove soap residue.

For oil-based stains, use a grease spot remover (perchloroethylene, dry cleaning solution). Stains of this variety could include motor oil and grease, cooking oil, suntan oil and floor wax. For chewing gum, tree sap, and other especially sticky substances, you can use a dry cleaning fluid as mentioned above, or remove by freezing. Most carpet cleaning suppliers will sell aerosol packs of refrigerant for these purposes.

Fire

Although Turfscape is flame resistant, flames or sparks can fuse the fibers together and harm the turf. Be careful when lighting fireworks, barbecuing or smoking near your lawn.

Pets

Turfscape is very pet-friendly. To clean up after your pet, allow waste to dry and pick up as you normally would on natural grass. You can spray the turf occasionally with a hose to wash away debris and maximize drainage through the perforated backing. You can also use a diluted bleach solution or pet-safe cleaner (Simply Green or Nature's Miracle, for example) to sanitize the turf, but this is not required in most residential applications. If you have several pets or are a kennel owner, a product designed to remove bacteria and odors might be helpful.

REMOVAL OF FOREIGN OBJECTS & CONTAMINANTS

Chewing gum can be removed with either ice or an aerosol to freeze the gum, and then chipped off. If gum has been smeared across the fibers, peanut butter will soften the gum so that it can be wiped off.

Sunflower seeds, peanut shells, and other small food items can be removed using a leaf blower. To minimize the movement of infill, do not point nozzle directly into the turf. Use minimal throttle.

Metal objects should be picked up by a magnet that is attached to grooming and brushing equipment.

Act Global's products and services are available through distribution partners in over 90 countries.

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