



PFAS Safety Statement

December 18, 2023

Dear Valued Customer,

We at Smart Turf are reaching out to you with some important information about recent unsettling misinformation about our industry.

Recently, "PFAS" has been making headlines, and there's been some unrest on the topic tied to artificial grass. It is likely that you have been receiving inquiries from concerned homeowners reacting to the recent headlines. We understand that there may be some confusion and misinformation circulating, and we want to take this opportunity to clarify our position and the safety of Smart Turf products. As a company, we have always been committed to ensuring the health and well-being of our customers. We have made a very large investment to be a vertical manufacturer so that we can control all the raw materials that go into our products. We are one of the very few companies in the USA who make the product from beginning to the end.

It is important to note that much evidence indicates that PFAS is present in numerous household products commonly used on a daily basis. Certain types of food packaging and stain-resistant fabrics have been found to include varying amounts of PFAS, with concentrations reaching hundreds of parts per million. In contrast, independent testing of Smart Turf artificial grass products have confirmed and validated that our artificial grass contain less than 100 parts per trillion.

We can confidently say that Smart Turf artificial grass products are independently tested and showed non-detectable levels of PFAS at one hundred parts per trillion and present no danger to our end users or the environment. All testing can be [found here](#).

We appreciate your ongoing support and partnership, and we want to assure you that for 50 years our company has been dedicated to assisting our customers with uncertainty and misinformation. Please educate your own customers and guide them in conducting their own research to make well-informed decisions about what products they should feel good about purchasing.

As always, do not hesitate to reach out to me or the Smart Turf team if you have any further questions or concerns. We are here to support you every step of the way. Thank you for your continued trust.

Sincerely,

A handwritten signature in black ink, appearing to read "Duane Jensen".

Duane Jensen
President of SmartTurf

TEST REPORT

DATE: 10-27-2023

Page 1 of 1

TEST NUMBER: 0301819

CLIENT	Smart Turf
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TEST METHOD CONDUCTED	EPA Method 3545A Pressurized Fluid Extraction (PFE) and EPA Method 8321B Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Smart Turf- Complete Product
CONSTRUCTION	Turf

GENERAL PRINCIPLE

A composite specimen of the finished turf material was extracted via EPA method 3545A with the resulting solution analyzed via HPLC/TS/MS to determine the presence of each analyte. The lowest calibrated detection is at 100 parts per trillion.

TEST RESULTS

PFOA parts per trillion (µg/kg)	N.D. <100 ppt
PFOS parts per trillion (ng/kg)	N.D. <100 ppt

*The sample was analyzed for PFOA and PFOS with a detection limit of 100 parts per trillion (ppt) ng/kg.
N.D.= None Detected

APPROVED BY:



This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



Accreditation #93341



SmartTurf[®]

ARTIFICIAL GRASS

PLAY ZONE PLUS

• PETS • COMMERCIAL • SPORTS • RESIDENTIAL • FRINGE • PLAYGROUND

YARN

TYPE: MONOFILAMENT

COMPOSITION/STRUCTURE: POLYETHYLENE

TURF

PILE/FACE WEIGHT: 60 OZ.

MACHINE GAUGE: 3/8 IN.

TUFTED PILE HEIGHT: 1.5 IN.

BACKING

PRIMARY BACKING: WOVEN POLYPROPYLENE

SECONDARY BACKING: POLYURETHANE

COMPOSITION/STRUCTURE: 2 LAYERS 13 PIC BLACK

WEIGHT: 6 OZ. PER SQ. YD.

FINISH COATING

COATING: POLYURETHANE 20 OZ. PER SQ. YD.

TOTAL PRODUCT WEIGHT: 88 OZ.

PARTICULATE INFILL

TYPE: QUALITY INFILL

WEIGHT: 1-3 LBS. PER SQ. FT.

HEIGHT: APPROXIMATELY 1/2 IN. - 3/4 IN.

MANUFACTURED ROLLS

WIDTH: 15 FT.

APPROXIMATE LENGTH: 100 FT.

DRAINAGE RATE: > 900 IN. PER HOUR

TRAFFIC: LIGHT TO HEAVY

COLOR



PROTECTION THAT LIVES ON
MICROBAN[®]

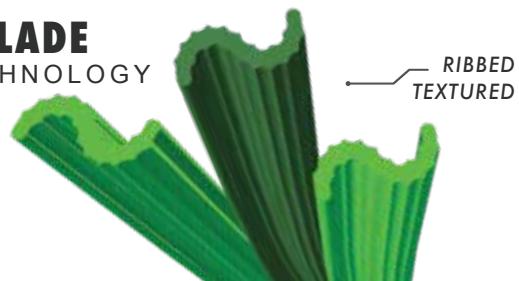
Featuring built-in antimicrobial product protection to inhibit the growth of bacteria, mold, mildew, and reduces odor.



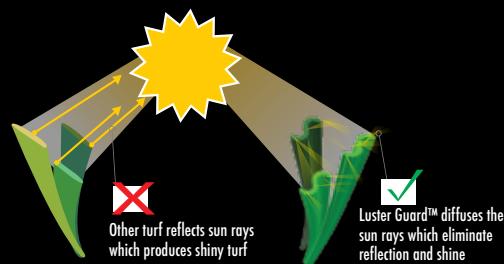
FEATURED BENEFITS

- S blade with Luster GuardTM ribbed surface texture is the lowest luster UV stabilized turf yarn in the industry. These microscopic ribs eliminate the shiny mirror effect that makes artificial grass look like plastic.
- S-Blade yarn system takes durability to the next level! It's fiber wear was tested at 50,000 cycles (50,000 cycles= 20 yrs of wear). This Lisport test gives a visual indication on how a synthetic turf system will age in time.
- The ribbed blade also eliminates weak points in the fibers creating unprecedented split resistance.

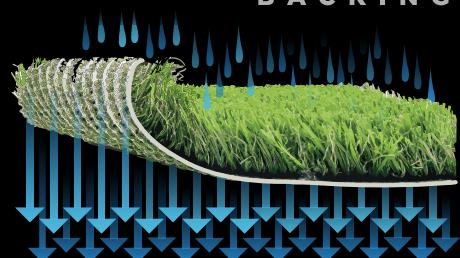
S-BLADE TECHNOLOGY



Luster GuardTM TECHNOLOGY



SMART FLOW BACKING



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