



## Artificial Turf Supply

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### ProPLAY Plus-46s® Synthetic Turf Specification and Materials

#### OVERVIEW

- Made in the USA with high quality components to replicate natural grass
- Tri-Color Technology
- UV resilient
- 8-Year warranty
- 30 inches per hour drainage capacity
- Heavy metal free

#### TURF DETAIL

- Pile/Face Weight: 46 ounces
- Pile Height: 1.75 inches
- Tuft Gauge: 1/2 inch
- Total Weight: 73 ounces

#### FIBER DETAIL

The fiber shall be 100% non-abrasive polyethylene designed specifically for outdoor use and treated with UV inhibitor and stabilizers to resist the effects of ultraviolet degradation, heat, foot traffic, water and airborne pollutants. The fiber shall contain no toxic substances or heavy metals. The fiber shall meet the following requirements:

- Primary Yarn Type: Polyethylene Monofilament
- Denier: 8,100
- Thickness/Shape: 240 micron star
- Primary Color: Lawn Green & Olive Green
- Thatch Yarn Type: Texturized Polyethylene Monofilament
- Denier: 5,400
- Thickness/Shape: 100 micron rectangle
- Thatch Color: Lawn Green

#### BACKING DETAIL

The primary backing shall be a heat and UV resistant product. The primary backing shall provide dimensional stability in all directions to prevent stretching, and distortion upon installation. The secondary coating shall saturate the primary backing and effectively lock the fiber tufts in place. The backing shall meet the following requirements:

- Primary Backing: 13 pic & 13 pic poly back
- Weight: 7 ounces per square yard
- Secondary Coating: Urethane 20 ounces per square yard
- Drainage Perforations: 3/16 inch diameter at four inches or less on-center on both axis

#### ROLL DETAIL

- Width: 15 feet
- Length: 100 feet (also available by the lineal foot)
- Shipping Weight: Approximately 1/2 pound per square foot
- Roll Diameter: Approximately 2 feet

#### INFILL DETAIL

- Type: Envirofill, Sand or Crumb Rubber
- Application Rate: 1-2 pounds per square foot