



TruGrass 650

Product Data

Description

TruGrass 650 is a **high pile** turf constructed of a combination of **texturized polyethylene** and **monofilament polyethylene fibers**. It is specifically designed for **infill turf systems** and can be used in **golf fringe, landscape and athletic field** applications. It should be installed with sufficient infill to maintain turf stability. It should be installed on compacted, stabilized soil or a crushed rock base.

Product Properties

Property	Imperial Unit	Metric Unit	Description
Fiber Type			60% PE monofilament 40% PE KDK slit film
Fiber Mass	12,500 denier	13,750 dtex	2 ends per needle
Pile Height *	1.75 in.	44.5 mm	
Color (s)			Green
Tufting Gauge **	3/8 in.	9.5 mm	
Stitch Rate **	22/3 in.	1.3 / cm	
Primary Backing			Stabilized dual layered woven polypropylene
Secondary Backing	20 oz/yd ²	678 g/m ²	urethane

Performance Properties

Property	Imperial Unit	Metric Unit	Test Method
Face Weight	65 oz/yd ²	2204 g/m ²	ASTM D418
Total Weight	90 oz/yd ²	3074 g/m ²	ASTM D418
Permeability	100 in./ hour	2.5 m/ hour	DIN 18-035, part 6
Tuft Bind	8 lb - f	35 N	ASTM D1335
Grab Tear MD	200 lb - f	0.89 kN	ASTM D5034
Grab Tear CMD	200 lb - f	0.89 kN	ASTM D5034

Packaging

Property	Imperial Unit	Metric Unit	Description
Product Name			TruGrass 650
Roll Width	12 ft.	3.66 m	
Roll Length ***	100 ft.	30.5 m	
Area per Roll ***	1200 ft. ²	111.5 m ²	
Total Roll Weight	750 lbs.	340 kg	

* Tufted pile height as standard. Pile height will draw down slightly during secondary backing process

** Tufting gauge and stitch rate as manufactured standard. Values will change slightly during secondary backing process

*** Standard roll lengths. Roll lengths may vary. Custom roll lengths and cuts are available upon request.



TruGrass 450

Product Data

Description TruGrass 450 is a **high pile turf** constructed of **Xtreme™ triangular cross-section polyethylene monofilament fibers**. It is specifically designed for **infill turf systems** and can be used in **golf fringe, landscape and athletic field** applications. It should be installed with sufficient infill to maintain turf stability. It should be installed on compacted, stabilized soil or a crushed rock base. Shock attenuating pads are optional.

Product Properties

Property	Imperial Unit	Metric Unit	Description
Fiber Type			U.V. Stabilized Thiolon Xtreme™ monofilament
Fiber Mass	10,800 Denier	11,880 dtex	6 ends x 1800 dpf per bundle
Pile Height *	2.0 in.	50.7 mm	
Color (s)			Field Green + Olive
Tufting Gauge **	3/8 in.	9.5 mm	
Stitch Rate **	10/3 in.	1.3 / cm	
Primary Backing			Thiobac D12
Secondary Backing	26 oz/yd ²	881 g/m ²	urethane pre-coat

Performance Properties

Property	Imperial Unit	Metric Unit	Test Method
Face Weight	45 oz/yd ²	1526 g/m ²	ASTM D418
Total Weight	78 oz/yd ²	2664 g/m ²	ASTM D418
Permeability	100 in./ hour	2.5 m/ hour	DIN 18-035, part 6
Tuft Bind	8 lb - f	35 N	ASTM D1335
Grab Tear MD	200 lb - f	0.89 kN	ASTM D5034
Grab Tear CMD	200 lb - f	0.89 kN	ASTM D5034

Packaging

Property	Imperial Unit	Metric Unit	Description
Product Name			TruGrass 450
Roll Width	15 ft.	4.57 m	
Roll Length ***	100 ft.	30.5 m	
Area per Roll ***	1500 ft. ²	139.4 m ²	
Total Roll Weight	850 lbs.	386 kg	

* Tufted pile height as standard. Pile height will draw down slightly during secondary backing process

** Tufting gauge and stitch rate as manufactured standard. Values will change slightly during secondary backing process

*** Standard roll lengths. Roll lengths may vary. Custom roll lengths and cuts are available upon request.