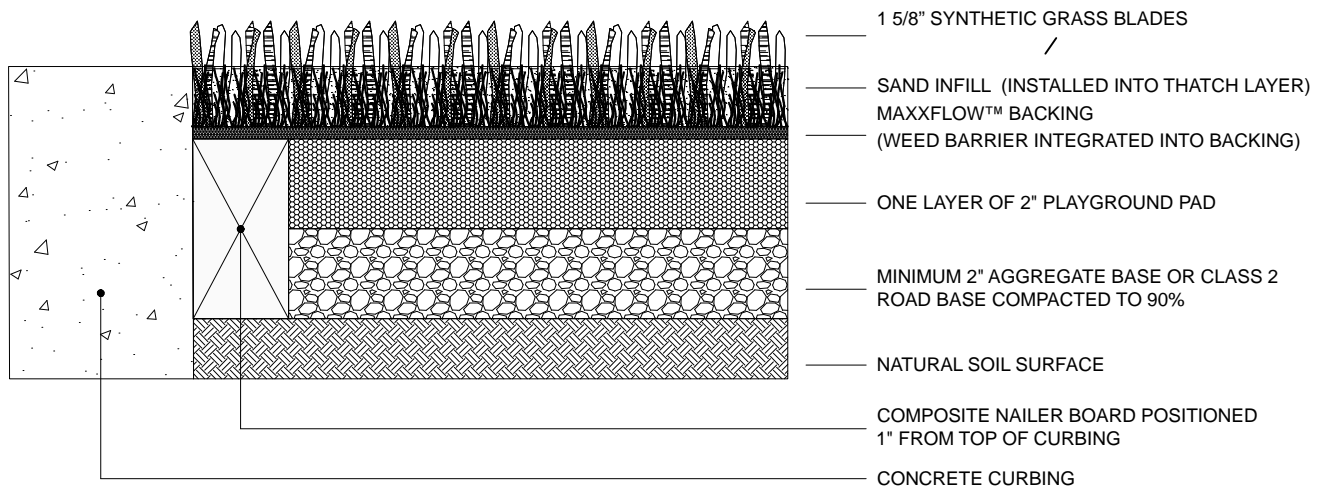




FieldTurf COMMERCIAL

A TARKETT SPORTS COMPANY



NOTES:

1. 100% POLYETHYLENE GRASS FIBER AND SECONDARY THATCH FIBER.
2. ADA COMPLIANT SYNTHETIC GRASS ACCESSIBLE SURFACE.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
5. PREMIUM SERIES AVAILABLE IN OLIVE PREMIUM (OLIVE GREEN THATCH LAYER) AND NUTMEG PREMIUM (NUTMEG/OLIVE GREEN THATCH LAYER).

COMMERCIAL - ELITE LINE: PLAY-SAFE PREMIUM 8

PREMIUM SERIES

ONE LAYER 2 1/8" PLAYGROUND PAD + AGGREGATE BASE

www.fieldturfcommercial.com

REVISION DATE 5/30/2018

Commercial – Elite Line



Nutmeg Premium

Product Data

Property	Value	Units	ASTM
Pile Yarn Type	UV-Resistant Polyethylene		N/A
Primary Yarn Structure	Ridged Monofilament		N/A
Primary Yarn Color	Field Green/Olive Green		N/A
Primary Yarn Denier	12000	Denier	D1577
Thatch Yarn Structure	Texturized Monofilament		N/A
Thatch Yarn Color	Nutmeg Brown/Olive Green		N/A
Thatch Yarn Denier	5000	Denier	D1577
Pile Height	1.625	Inches	D5823
Pile Weight	62	OZ/YD2	D5848
Primary Backing Weight	>7	OZ/YD2	D5848
Secondary Backing Weight	>21	OZ/YD2	D5848
Total Weight	90	OZ/YD2	D5848
Stitch Gauge	3/8 Inch Centers		D5793
Tuft Bind	>8	LBS/Force	D1335
Water Permeability	>250 l MaxxFlow Coating	Inch/Hr.	DIN 18-035
Total Infill	2.5 to 3	LBS/FT2	N/A

* Variation of +/- 5% on above listed property values are within normal manufacturing tolerances.



Manufactured by

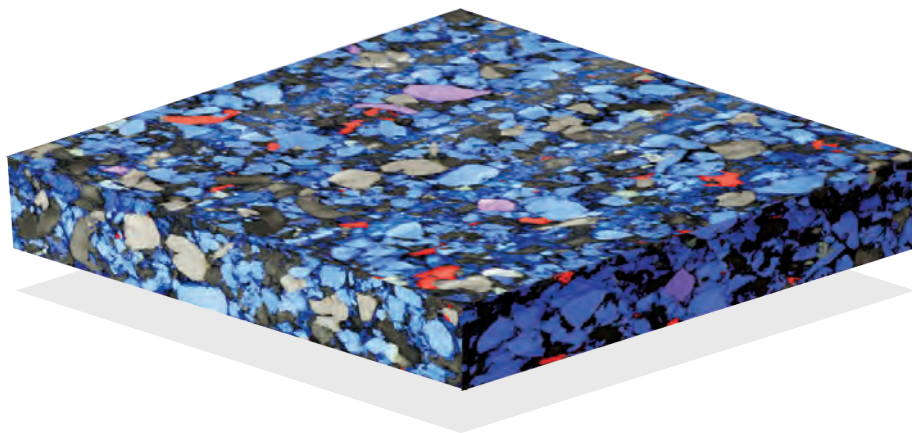


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Revision Date 8/1/2018 Product
Code: GF-LIT-XM7-ON

FieldTurf reserves the right to modify technical specifications on the above-mentioned product.
Delivered products tolerances can slightly differ from the technical data.

MD25PL-S / MD50PL-S NEW



	NEW	MD25PL-S	MD50PL-S
Dimensions	Length (ft)	5.10'	5.10'
	Width (ft)	3.92'	3.92'
	Thickness (mm)	25 or 1.0"	50 or 2.0"
	Square Foot	20	20
Physical Properties	Weight/panel	4 kg / 9 lb	8 kg / 17 lb
Performance*	Critical Fall Height (ft)	4	7
	Gmax (Avg)	110 - 130	140 - 150
	HIC (Avg)	650 - 800	800 - 910
Loadout in a 53 foot Trailer	Quantity/Skid	45	24
	Total # of Skids	40	40
	Total Square foot/trailer	36,000	19,200

*Testing information

- CFH test was performed by independent certified Lab per ASTM F1292. Results will vary depending on type of synthetic turf, infill selected and subbase material used.
- The technical information is provided by ThermaGreen and to the best of our knowledge, is true and accurate; ThermaGreen assumes no legal responsibility for use or reliance of data. ThermaGreen reserves the right to change these specifications and/or product without notice.

Date	24/07/2017
Version	4
Approval	TW/KV

PlayLite™, developed by ThermaGreen Environmental, is the Shock & Drainage pad critical for indoor and outdoor play areas. Our pad is manufactured in North America, approved under the NAFTA agreement, and is produced by re-purposing virgin non-contaminated post-industrial cross-linked (closed cell) PEX foam. It is bonded to a non-woven geotextile to create a pad that accommodates a variety of synthetic surface treatments.

ThermaGreen Play products meet energy absorption standards under ASTM F1292 & ASTM F355A for HIC and G_{MAX}. PlayLite™ does not contain or use any toxic substances (i.e. CFC & HCFC) during the manufacturing process; it has passed the Synthetic Precipitation Leaching Procedure (SPLP) for metals, and is compliant under NSF 61 US/Canadian drinking water quality. It is inert, environmentally friendly, resistant to mold and most chemicals (including petroleum products), and helps you obtain LEED credits!

TESTED PROPERTY	TESTED METHOD	TYPICAL VALUES	
		SI units	Imperial units

FOAM / GEOTEXTILE COMPOSITE			
Mass per Unit Area	ASTM D3776M-09a	6.0 kg/m ²	1.2 lb/ft ²
Overall Density	ASTM D3575-08-W (A)	120 kg/m ³	7.7 lb/ft ³
Ply Adhesion (200 mm wide specimens)	ASTM D7005-03 mod	0.2 kN/m	1.3 lbf/in
Thermal Stability	ASTM D3575-08-S	< 0.5 %	< 0.5 %

PERFORMANCE PROPERTIES			
Compression Set	ASTM D3575-08-B	7.4 %	7.4 %
Compressive Strength at 25% Deflection	ASTM D3575-08-D	70 kPa	10 psi
In-Plane Flow Rate ⁽¹⁾	ASTM D4716-08	30.4 l/min/m	2.4 gal/min/ft
Permeability ⁽²⁾	ASTM D4491-09	2.7 cm/s	1.06 inch/s
Shock Attenuation – up to 9' fall height ⁽³⁾	ASTM F1292-99	98.5 G _{MAX}	607 HIC

GEOTEXTILE (prior to lamination)			
Grab Tensile Strength	ASTM D4632	400 N	90 lb
Grab Tensile Elongation	ASTM D4632	75 %	75 %
Tear Resistance	ASTM D4533	130 N	30 lb
Puncture Resistance	ASTM D6241	1100 N	250 lb
Permittivity	ASTM D4491	2.0 s ⁻¹	2.0 s ⁻¹

DURABILITY AND ENDURANCE PROPERTIES		
Residual properties after 4000 hours water immersion		
Compression Set	ASTM D5322-98 / D3575-08-B	100% retained
Compressive Strength at 25% Deflection	ASTM D5322-98 / D3575-08-D	> 75% retained
Residual properties after 4000 hours aging at 85°C/185°F		
Compression Set	ASTM D3045-92 / D3575-08-B	100% retained
Compressive Strength at 25% Deflection	ASTM D3045-92 / D3575-08-D	> 75% retained

DIMENSIONS			
Thickness +/- 2 mm (0.08")	ASTM D5199-01	> 50 mm	> 2 in
Panel Weight		13 kg	29 lbs
Panel Width	-	1.22 m	4 ft
Panel Length (custom lengths available) +/- 1%	-	1.82 m	6 ft
Panel Area	-	2.22 m ²	24 ft ²

(1) In-Plane Flow Rate measured between rigid plates after 15 min seating under 10 kPa and a hydraulic gradient of 0.01

(2) Permeability measured on 4" diameter specimens

(3) Test was performed by independent IPEMA certified Lab using 50mm (2") foam underlay & 50mm (2") synthetic turf over 3" compacted stone base

The technical information is provided by ThermaGreen and to the best of our knowledge, is true and accurate; ThermaGreen assumes no legal responsibility for use or reliance of data.