



SYNTipede 321

Just like its natural counterpart, SYNTipede is known for being tough. The tallest in the collection including Super Yarn™ technology creating a durable surface perfect for active children and pets. ASTM E108 Class A Fire-Rated provides peace of mind for all types of projects.

SKU	ST321
Grass Zone Yarn/Color	PE / Field Green / Apple
Grass Zone Denier	10,800 / 6
Thatch Zone Yarn/Color	PE / Turf Green
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Omega
Finished Pile Height	1 1/2"
Finished Pile Weight	80 oz.
Backing	15 / 18 PP 2-Part / 22oz. EnviroLoc™
Tuft Gauge	3/8"
Total Weight	108 oz.
Tuft Bind	> 8 lbs.
Permeability	> 400 inches per / SY
Features	Sanitized®, EnviroLoc™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	ASTM Certified F1292, F1551, F1951, IPEMA Certified



Unmatched Lifetime Warranty



EnviroLoc™ Plant-Based Backing



Deluster + UV Protection

SUPER YARN™ TECHNOLOGY

Sanitized®
Antimicrobial

DualChill™
IR Reflective

StatBlock™
Anti-Static



[Learn more at CADdetails.com](http://CADdetails.com)

RECOMMENDED USES



LANDSCAPE



PETS



PLAY



ROOFTOP



Primary Yarn Polymer	Polyethylene	Primary Backing	15/18 PP 2-Part
Yarn Cross Section	Omega	Coating Type	22 oz. EnviroLoc™
Standard Color	Field Green / Apple	PE Yarn Denier / Ends	10,800 / 6
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,000 / 8
Second Yarn Polymer Thatch	Polyethylene	Warranty Period	Limited Lifetime
Secondary Yarn Color	Turf Green		

Finish Fabric	English System		ASTM Test
	<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>
Pile Height (Nominal)	1 1/2	inches	D-5823
Face Weight	80	oz/yd ²	D-5848
Total Fabric Weight	108	oz/yd ²	D-5848
Primary Backing Weight	6	oz/yd ²	D-5848
Secondary Coating Weight	22	oz/yd ²	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	15,800	Denier	D-1577
Elongation to Break	> 30	%	D-2256
Yarn Breaking Strength	> 20	lbs.	D-5793
Machine Gauge	3/8	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	> 400	in/hr	D-1551
Fabric Width	15	ft	-