



**Technical Data: GST-50A0**

<b>Product Properties</b>	<b>Property</b>	<b>Imperial Unit</b>	<b>Metric Unit</b>	<b>Description</b>
	Fiber Type			Polyethylene Monofilament and Polypropylene Curled as Thatch
	Fiber Mass	Denier 9900 Monofilament	Detex 11000 Monofilament	Polyethylene
	Pile Height	2 in.	50.8 mm	
	Color(s)			Emerald Green w/ Brown Thatching
	Tufting Gauge	5/8 in.	15.88 mm	
	Stitch Rate	11/ 3 in.	1.45/cm	
	Stitches	849/ft <sup>2</sup>	9135/m <sup>2</sup>	
	Primary Backing	7.7 oz./yd <sup>2</sup>	261g/m <sup>2</sup>	Polypropylene and Polyester fiber, short-staple and Mesh scrim inlay
	Secondary Backing	31.9oz/yd <sup>2</sup> ±5%	1080g/m <sup>2</sup> ±5%	Latex
	Total Carpet Weight	39.6oz/yd <sup>2</sup> ±1.5oz	1341g/m <sup>2</sup> ±50g	

<b>Performance Properties</b>	<b>Property</b>	<b>Imperial Unit</b>	<b>Metric Unit</b>	<b>Test Method</b>
	Face Weight	50 oz./yd <sup>2</sup>	1695 g/m <sup>2</sup>	ASTM D41
	Total Weight	90 oz./yd <sup>2</sup>	3051 g/m <sup>2</sup>	ASTM D41
	Permeability	23 gallon/yd <sup>2</sup> /min.	104 liter/m <sup>2</sup> /min.	DIN 18-035, part 6
	Melting Point	176 °F for blades (green) 300 °F for thatch (brown curled)	80 °C for blades (green) 149 °C for thatch (brown curled)	
	Tuft Bind	9.5 lb-f	42N	ASTM-D1335
	Grab Tear MD	210.22 lb-f	95.65Kg/ (935N)	ASTM-D5034-05
	Grab Tear CMD	210.18 lb-f	95.63Kg/ (935N)	ASTM-D5034-05
	Infill Amount <small>recommend</small>	¾ of the Pile Height		

<b>Packaging</b>	<b>Property</b>	<b>Imperial Unit</b>	<b>Metric Unit</b>	<b>Description</b>
	Model Number			GST-50A0
	Roll Width	15 ft.	4.57 m	
	Roll Length	50 ft.	15.24 m	
	Area per Roll	750 ft. <sup>2</sup>	69.68 m <sup>2</sup>	
	Total Roll Weight	400 lbs.	181 kg	