



Technical Data: GST-80A38

| Product Properties | Property | Imperial Unit | Metric Unit | Description |
|---------------------------|---------------------|-------------------------------|---------------------------|--|
| | Fiber Type | | | Polyethylene Monofilament and Polypropylene Curled as Thatch |
| | Fiber Mass | Denier 9900 Monofilament | Detex 11000 Monofilament | Polyethylene |
| | Pile Height | 2 3/8 in. | 60.32 mm | |
| | Color(s) | | | Emerald Green w/ Brown Thatching |
| | Tufting Gauge | 5/8 in. | 15.88 mm | |
| | Stitch Rate | 16/ 3 in. | 2.1/cm | |
| | Stitches | 1229/ft ² | 13230/m ² | |
| | Primary Backing | 7.7 oz./yd ² | 261g/m ² | Polypropylene and Polyester fiber, short-staple and Mesh scrim inlay |
| | Secondary Backing | 31.9oz/yd ² ±5% | 1080g/m ² ±5% | Latex |
| | Total Carpet Weight | 39.6oz/yd ² ±1.5oz | 1341g/m ² ±50g | |

| Performance Properties | Property | Imperial Unit | Metric Unit | Test Method |
|-------------------------------|--|---|--|--------------------|
| | Face Weight | 80 oz./yd ² | 2712 g/m ² | ASTM D41 |
| | Total Weight | 120 oz./yd ² | 4069 g/m ² | ASTM D41 |
| | Permeability | 23 gallon/yd ² /min. | 104 liter/m ² /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 | | |

| Packaging | Property | Imperial Unit | Metric Unit | Description |
|------------------|-------------------|----------------------|----------------------|--------------------|
| | Model Number | | | GST-80A38 |
| | Roll Width | 15 ft. | 4.57 m | |
| | Roll Length | 50 ft. | 15.24 m | |
| | Area per Roll | 750 ft. ² | 69.68 m ² | |
| | Total Roll Weight | 400 lbs. | 181 kg | |