



Premium Luxury

# CARPET GALLERIA

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HAND TUFTED

# DATASHEET

## GALLERIA 450 WOOL

<b>Manufacturing Process</b>		Genuine Hand Made Tufted Carpet		
<b>Yarn Content</b>		100% New Zealand Wool		
<b>Primary Backing</b>		60% Cotton	Weave	Basket Weave
		40% Polyester	Weight	± 326 gm/m <sup>2</sup> (9.6oz/yd <sup>2</sup> )
<b>Secondary Backing</b>	<b>Warp</b>	100% Cotton	Weave	Leno Weave
	<b>Weft</b>	90% Cotton, 10% Polyester	Weight	± 61 gm/m <sup>2</sup> (9.6oz/yd <sup>2</sup> )
<b>TECHNICAL DATA</b>		<b>METRIC</b>	<b>IMPERIAL</b>	<b>TOLERANCE</b>
<b>Yarn Count</b>		380 Tex	1/80s Dewsbury	N/a.
<b>Yarn Twist "Z"</b>		± 130 twists/cm	52 twists/inch	N/a.
<b>Ply Twists "S"</b>		± 11.4 twists/cm	4.49 twists/inch	N/a.
<b>Pile Height</b>		± 11mm	0.40 inch	Variable per design
<b>Carpet Thickness</b>		± 15mm	0.55 inch	Variable per design
<b>Pile Weight</b>		± 3,548 gm/m <sup>2</sup>	105 oz/yd <sup>2</sup>	N/a.
<b>Total Carpet Weight</b>		± 5,150 gm/m <sup>2</sup>	152 oz/yd <sup>2</sup>	N/a.
<b>No. of Rows</b>		2/cm	N/a.	N/a.
<b>No of Stitches</b>		2.2/cm	N/a.	N/a.
<b>No of Ends</b>		4 per insertion	N/a.	N/a.

PERFORMANCE, FLAMMABILITY, STATIC & OTHER DETAILS					
<b>Color Fastness</b>	Across Standards	4/5	<b>Tuft Bind</b>	WNZTM 202	>11N
<b>Light Fastness</b>	ISO 105-B02	Class 5	<b>Insect Resistance</b>	WNZTM 27	Class 5
<b>Shampoo Fastness</b>	BS 1006	Class 4	<b>Air Quality</b>	CRI Plus	Pass
<b>Dry Rubbing Fastness</b>	BS EN ISO 105-X12	Class 4	<b>Fire Classification</b>	Cfl-s1	Pass
<b>Wet Rubbing Fastness</b>	BS EN ISO 105-E01	Class 4	<b>Smoke Emission</b>	ASTM E662	Pass
<b>Flammability</b>	ASTM E648	Class 1	<b>Optical Smoke Density</b>	NFPA258	<450
<b>Flame Spread Rating</b>	EFL		Fs ≤ 150mm within 20 seconds		
<b>Critical Radiant Flux</b>	NPA Classification 1   ASTM E648		>045 W/cm <sup>2</sup> \ Class 1		
<b>Tuft Anchorage</b>	ISO 4919		20.00 Newton -20%		
<b>Electric Propensity</b>	AATC134		<2kv		
<b>Static Loading Loss</b>	WNZTM124A		Mi. 80% loss recovery 24hr after load		
<b>Dynamic Loading Loss</b>	GB/T14252-93		Average rate loss		
<b>Hexapod Appearance</b>	WNZTM 247/251/284		Mi. 3 Hot immersions		
<b>Moth Proofing</b>			Optional		