



Premium Luxury

CARPET GALLERIA

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HAND TUFTED

DATASHEET

GALLERIA 550 WOOL

Manufacturing Process		Genuine Hand Made Tufted Carpet		
Yarn Content		100% New Zealand Wool		
Primary Backing		60% Cotton	Weave	Basket Weave
		40% Polyester	Weight	± 326 gm/m ² (9.6oz/yd ²)
Secondary Backing	Warp	100% Cotton	Weave	Leno Weave
	Weft	90% Cotton, 10% Polyester	Weight	± 61 gm/m ² (9.6oz/yd ²)
TECHNICAL DATA		METRIC	IMPERIAL	TOLERANCE
Yarn Count		380 Tex	1/80s Dewsbury	N/a.
Yarn Twist "Z"		± 130 twists/cm	52 twists/inch	N/a.
Ply Twists "S"		± 11.4 twists/cm	4.49 twists/inch	N/a.
Pile Height		± 11.5mm	0.43 inch	Variable per design
Carpet Thickness		± 15mm	0.55 inch	Variable per design
Pile Weight		± 3,900 gm/m ²	115 oz/yd ²	N/a.
Total Carpet Weight		± 5,450 gm/m ²	161 oz/yd ²	N/a.
No. of Rows		2/cm	N/a.	N/a.
No of Stitches		2.2/cm	N/a.	N/a.
No of Ends		4 per insertion	N/a.	N/a.

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