









**SynSisal®** 'Sisal Without Limits'

**SynSisal® Langley – TECHNICAL INFORMATION**

Type of Manufacturing	DIN ISO 2424	Woven	
Weaving Technique	DIN ISO 2424	Flatwoven	
Weaving Structure	DIN ISO 2424	Tiger Eye	
Yarn Construction		ECONYL® regenerated nylon	
Dye method		Solution dyed nylon	
Pile Material	NEN-EN 1307	100% ECONYL Regenerated Nylon 6	
Primary Backing	DIN ISO 2424	Ceneva	
Secondary Backing	DIN ISO 2424	Actionback	
Pile Height	ISO 1766	3/16" or 4.5 mm	
Pile Weight	ISO 8543	52.3 oz/yd <sup>2</sup> or 1240 gm/m <sup>2</sup>	
Total Weight	ISO 8543	82.7 oz/yd <sup>2</sup> or 1960 gm/m <sup>2</sup>	
Total Thickness	ISO 1765	3/16" or 5 mm	
Length Roll	ISO3018 / EN14159	+/- 98-115' / 30-35 m	
Width Roll	ISO3018 / EN14159	13'2" / 400 cm	
Noise Reduction Coefficient	ASTM C423-17	SAA .23	
Impact Sound	ASTM E494-09, ASTM E989-18	IIC 62	
Use Classification	EN 1307	Heavy contract, 33	
Fire Classification	ASTM E662, ASTM D2859-16, ASTM E648 / DIN EN 13501-1	Class 1 / Cfl-s1 or Bfl-s1	
Antistatic Behavior	ASTM C1028 / ISO 6356	Xd .82 - Xw .60	
Colorfastness to Light	ASTM D5053 / ISO 105 B02	7-8	
Stair Nosing	ASTM C423-17 / ISO 10361	12,000-4	
Castor Testing	EN 985 / EN ISO 4918 Intensive Use		
Thermal Resistance	ISO 8302 / EN 12667		