



# ALCANTARA EXO TECHNICAL SPECIFICATIONS

Thickness			≤1.3 mm
Unit weight		UNI EN 29073 - 1	≥ 310g/m <sup>2</sup>
Width			≥ 142cm
Dimensional stability (Water 40°C)		UNI EN 25077 + UNI EN ISO 6330	≤ 3%
Breaking load	Lengthwise	UNI EN 29073 - 3	≥ 600 N/5cm
	Crosswise	UNI EN 29073 - 3	≥ 400 N/5cm
Elongation at 50N	Lengthwise	UNI EN 13934 - 1	≥ 2.5%
	Crosswise	UNI EN 13934 - 1	≥ 6%
Tear resistance	Lengthwise	UNI EN ISO 13937 - 3	≥ 30 N
	Crosswise	UNI EN ISO 13937 - 3	≥ 30 N
Martindale abrasion		UNI EN ISO 12947 - 4	≥ 20000 cycles (*)
	End Point	UNI EN ISO 12947 - 2	≥ 150000cCycles
Water impermeability		UNI EN ISO 20811	≥ 2 metres H <sub>2</sub> O
Water vapour permeability		UNI EN ISO 4818/26	≥ 300g/m <sup>2</sup>
Cohesion		UNI EN ISO 2411	≥ 10 N
Slippage resistance of yarns at seam	Lengthwise	UNI EN ISO 13936 - 2	≤ 6mm
	Crosswise	UNI EN ISO 13936 - 2	≤ 6mm
Resistance to pilling	2000 Cycles	UNI EN ISO 12945 - 2	≥ 4/5

(\*) Slight change in appearance of product surface.

Colour Fastness			
To light		UNI EN ISO 105 - B02	≥ 7 blue scale (1-8)
		ASTM G154 - 06	≥ 3.5 grey scale (1/5)
To domestic washing	Tone change	UNI EN ISO 105 - C06	≥ 4 grey scale (1-5)
	Staining	UNI EN ISO 105 - C06	≥ 3 white scale (1-5)
To dry cleaning	Tone change	AATCC -132	≥ 4 grey scale (1-5)
	Staining	AATCC -132	≥ 3 white scale (1-5)
To rubbing	Dry	UNI EN ISO 105 - X132	≥ 4 white scale (1-5)
	Wet	UNI EN ISO 105 - X132	≥ 3 white scale (1-5)
To water	Tone change	UNI EN ISO 105 - E01	≥ 4 white scale (1-5)
	Staining	UNI EN ISO 105 - E01	≥ 3.5 white scale (1-5)

Slight shade variations from one production batch to another one are possible on these products

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