



SPECIFICATION FOR ARTICLE: TRIUMPH QUALITY AND PERFORMANCE TESTING

Property	Method		Minimum requirement
Martindale abrasion resistance	EN ISO 5470-2:2003		Grade 1 after 250,000 cycles
Taber abrasion resistance	EN ISO 17076-1:2012		No surface damage after 5000 cycles
Tear strength	EN ISO 3377-1:2011 (Single edge)		20N
Resistance to cleaning cloth	Tested using Martindale abrasion machine	Ethanol-based	Wipeable with ethanol wipes ¹ (70% ethanol)
		Chlorine-based	Wipeable with chlorine wipes ² (1000ppm sodium hypochlorite)
Colour fastness to rubbing – Veslic method (Colour change and pad staining)	EN ISO 11640:2012	Dry	750 cycles, GSR 4
		Wet	350 cycles, GSR 3/4
		Perspiration	80 cycles, GSR 3/4
Dry flex resistance	EN ISO 5402-1:2011		No finish cracking after 50,000 flexes
Colour fastness to light	EN ISO 105-B02:2014		BWS 5
Finish adhesion	EN ISO 11644:2009 (Dry adhesion)		2N/10mm

¹Tested with WetWipe's ethanol wipes (70% ethanol)

²Tested with Plum WipeClean chlorine wipes (1000ppm sodium hypochlorite)