Flotex Classic, HD and Sottsass Technical Data



	Standard	Result
Construction		Flocked textile floor covering
Print System		HD/Sottsass: High definition digital Classic: Rotary Screen
Pile Material (density)		100% Nylon 6.6 (approx 70 million fibres/m²)
Backing Material		Resilient waterproof backing
Roll Length		30LM (60m² per roll)
Roll Width		200cm
Total Weight Sheet	ISO 8543	Approx. 1.8kg/m ²
Total Thickness Sheet	ISO 1765	Approx. 4.3mm
Wear	EN 307 Wira abrasion Lisson EN 1963	Wear class 4 (Commercial heavy duty) Minimum of 60,000 cycles <35 gr loss of pile (pass)
Appearance Retention	Hexapod ISO 10361	Texture: 4 after 12,000 cycles 4 after 32,000 cycles Colour: 4 after 12,000 cycles 3-4 after 32,000 cycles
Castor Chair Test	EN 985	Suitable for continous use under castors
Dimensional Stability	EN 434 + ISO 2551	<0.2% change in dimensions
Computer Accomodation Electrical Resistance	AS 2834.2.1 – 1995 Walk EN 1815 Vertical ISO 10965	Bulk - complies. Surface - complies. <2kV <10 ¹⁹ ohms
Acoustic Tests Impact noise Noise absorption	ISO 140-8 ISO 354	ΔLw = 20dB Noise reduction coefficient = 0.10
Thermal Resistance	ISO 8302	0.08m² / Kw
Colour Fastness To dry rubbing To wet rubbing To light To water	EN ISO 105 x 12 EN ISO 105 x 12 EN ISO B02 EN ISO 105 E01	4 4 6 5
Insect Resistance		100% synthetic materials – inherently insect/moth resistant
Hygiene		"Sanitized" antimicrobial treatment compounded into the construction as protection against bacteria including MRSA (golden staph) and E.coli moulds such as athlete's foot fungi
Allergy Environs		National Asthma Council Australia: Sensitive Choice & Breathe Easy Asthma & Respiratory Foundation NZ: Sensitive Choice approval British Allergy Foundation: Seal of Approval
Resistance to Fungal Growth	AS1157.4 - 1978	Total resistance to fungal growth without treatment
CSIRO Appraisals Technical Assess	ment 218	Suitable for use for heavy wear applications and for areas which require stain resistance, fire resistance properties, anti-static properties and microbe resistance, including areas which are potentially wet (except commercial bathrooms, kitchens and food preparation areas) when the conditions of CSIRO Appraisals TA218 are fulfilled
Fire Performance Burning Behaviour US Radiant Panel	AS9239.1 - 2003 AS/NZS 2111.18 ASTM E648	CFH value: 8.0 kW/m² Smoke value: 161% min Suitable for any class of building, including patient care areas of Class 9A & Class 3 buildings lift cars and fire isolated exits, ramps and stairs Fire Propagation Properties – Complies Class 1
Slip Resistance	AS/NZS 4586 - 1999 AS/NZS 3661.1 - 1993	Class R12 Mean Coefficient of friction: Dry = 0.80 Wet = 0.54
Adhesive		Karndean Mega-Bond adhesive
Maintenance System		Vacuum: Use motorised power brush equipment Wet clean: Treat water with Flotex Clean-It
		Residual detergent removal: Use Flotex Fix-It

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