TECHNICAL SPECIFICATION

Technics 6

Designed for use with the Technics Contract Installation System

End Use Classification (BS 5808: 1991): HC/U, Heavy Contract Use

Ideal for wheeled traffic areas

Guaranteed for the serviceable lifetime of the carpet when used in the recommended locations

Roll size: 1.35 m x 11.2 m

Specification	BS Requirements	Result	Method
Nominal roll weight		107 lbs	
Nominal square weight		3200 g/m² (93 oz/sq yd)	
Nominal thickness		6.00 mm	BS 4051
Mean original thickness from nominal thickness	Maximum 12%	3 %	
Difference between max. & min. original thicknesses	Maximum 3mm	0.3 mm	
Work of compression	Minimum 50 J/m² after dynamic loading for 1000 impacts	119 J/m²	BS 4098 & BS 4052
Compression after dynamic loading	Minimum 2mm, maximum 7mm after 1000 impacts	3.0 mm	
Retention of work of compression	Minimum 40% of original after 1000 impacts	86 %	
Breaking strength - length	Minimum 40N	282 N	BS 2576
Breaking strength - width		162 N	
Extension under force - length	Maximum 10% @ 40N	0.8 %	
Extension under force - width		0.5 %	
Loss in thickness after dynamic loading	Maximum 15% after 1000 impacts	3.8 %	BS 4052
Loss in thickness after static loading	Maximum 15% after 24hrs loading & recovery	4.2 %	BS 4939
Resistance to cracking	Not greater than 50mm	Pass	BS 5808
Colour and appearance		Black flat sponge rubber with printed paper backing	
Flammability	**Notes**	**Result**	**Method**
Hot metal nut test		Low radius of effects of ignition	BS 4790 & BS 5287
Methenamine tablet		Pass	BS 6307
Nord fire spread and smoke generation	Tested in conjunction with Brintons Axminster AX728	Pass	NT Fire 007: 1985
NBS radiant panel		Pass	ASTM E648
French radiant panel		Class M3	NFP 92-506
Reaction to fire classification	Tested in conjunction with Brintons Axminster 1028 carpet	Bfl - s1	Tested to ENISO9239-1 & 11925-2, rated to EN13501-1
Thermal Properties			
Thermal resistance		0.66 togs	BS 4745

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Acoustic Properties		
Weighted reduction in impact sound pressure level (Delta Lw)	31 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997