



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/m ² (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/m ² after dynamic loading for 1000 impacts	119 J/m ²	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

Please note: This document does not constitute a manufacturing specification. It details important technical performance and physical characteristics of the product only. Please contact the Technical Department for any further information.



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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



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