



TECHNICAL SPECIFICATION

TREDAIRE Zest

High quality polyurethane rebond carpet underlay

End Use Classification (BS 5808: 1991): L/U, Luxury Use

Excellent thermal insulation

High degree of impact sound insulation

Guaranteed for 20 years or the serviceable lifetime of the carpet when used in the recommended locations

Roll size: 15sq.m of 1.37 m x 11.0 m

Suitable for stretch-fit installation of carpets

Specification	BS Requirements	Result	Method
Nominal square weight		920 g/m ²	
Nominal density		92 kg/m ³	
Nominal roll weight		31 lbs	
Nominal thickness		10.00 mm	BS 4051
Mean original thickness from nominal thickness	Maximum 12%	0.17%	
Difference between max. & min. original thicknesses	Maximum 3mm	0.36mm	
Work of compression	Minimum 50 J/m ² after dynamic loading for 1000 impacts	165 J/m ²	BS 4098 & BS 4052
Compression after dynamic loading	Minimum 2mm, maximum 7mm after 1000 impacts	6.6mm	
Retention of work of compression	Minimum 40% of original after 1000 impacts	86.3%	
Breaking strength - length	Minimum 40N	79.7 N	BS 2576
Breaking strength - width		50 N	
Extension under force - length	Maximum 10% @ 40N	11.3%	
Extension under force - width		38.9%	
Loss in thickness after dynamic loading	Maximum 15% after 1000 impacts	1.8 %	BS 4052
Loss in thickness after static loading	Maximum 15% after 24hrs loading & recovery	1.0 %	BS 4939
Resistance to cracking	Not greater than 50mm	Pass	BS 5808
Odour		No objectionable odour	
Colour and appearance		Orange facing with white nonwoven backing	
Flammability	Notes	Result	Method
Hot metal nut test	Tested in Interfloor laboratory	Low radius of effects of ignition	BS 4790 & BS 5287
Thermal Properties			
Thermal resistance		2.64 Tog	BS 4745
Acoustic Properties			
Weighted reduction in impact sound pressure level (Delta Lw)		39 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997

Item Code	TAZEST	Issue No.	2	Issue Date	05-May-08	Page No.	1 of 1
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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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TREDAIRE

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