



# TECHNICAL SPECIFICATION

## Zest Carpet Underlay

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 <sup>2</sup>	
Nominal density		92 kg/m <sup>3</sup>	
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 <sup>2</sup> after dynamic loading for 1000 impacts	165 J/m <sup>2</sup>	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	
<b>Flammability</b>	<b>Notes</b>	<b>Result</b>	<b>Method</b>
Hot metal nut test	Tested in Interfloor laboratory	Low radius of effects of ignition	BS 4790 & BS 5287
<b>Thermal Properties</b>			
Thermal resistance		2.64 Tog	BS 4745
<b>Acoustic Properties</b>			
Weighted reduction in impact sound pressure level (Delta Lw)		39 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997

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.

Carpets Direct (GB) Ltd Units 2&3 Riverside Works Reservoir Road Hull HU6 7QD

Tel: +44(0)1482 215008 Web: www.TradePriced.co.uk