

Underlay Technical Specification

Item Code: TAKENDEL

Issue Date: 23/10/2019

Issue No. 4



Crumb Rubber (recycled car tyres) / Polyester Fibre (recycled PET bottles)

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use

Standard Specifications*

Nominal square weight	2500 g/m ² (80 oz/yd ²)	
Nominal roll weight	27.4 kg	
Nominal roll area	10.96m ² (1.30m x 8.43m)	
Nominal thickness	11.00mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	121 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	86 %	BS 4098 & ISO 2094
Compression after Dynamic loading	3.9 mm	BS 4098 & ISO 2094
Loss in thickness after Dynamic loading (max 15%)	6.8%	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	11.1 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	659N / 1140N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	5.7 % / 4.5 %	EN ISO 13394 BS 2576
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Other Specifications

Odour	No objectionable odour	
Colour / facing	Black / grey polyester fibres from recycled PET bottles	
Packaging	Grey film / red & violet print	
Thermal resistance	1.70 togs	BS 4745
Impact sound reduction (Delta Lw)	30 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997

Certification



Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

- * The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015
- ‡ Value derived from similar product test results

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Flammability

Hot metal nut test (tested in Interfloor laboratory)	Low radius of effects of ignition	BS 4790 & BS 5287
Russian GOST FR Test	Classification KM5	GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18) GOST 12.1.044-89 (item 4.20)

GREEN CREDENTIALS

Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains approximately 80% post-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme	IEQ 4.3: Points Available Product is Green Label Plus Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available

LEED points must be considered along with other building components and must be determined by the specifier/architect or LEED accredited professional

Recycled Content

Post Consumer	80%
Pre Consumer	0%
Virgin	20%



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