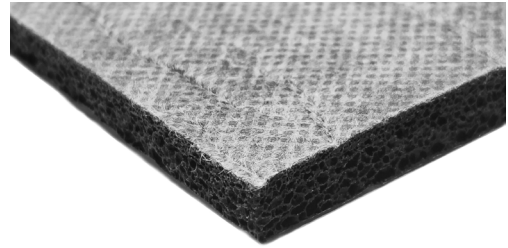


# KENSINGTON 4

Product Code: KN4  
 Origin: Malaysia  
 Manufacturer: Lien Huat Alliance Sdn. Bhd.



## PRODUCT SPECIFICATIONS

Construction	: Flat Sponge	
Raw Material	: 100% Natural Rubber	
Width	: 1.37 m	( 4.49' )
Length	: 11.0 m	( 36.09' )
Roll Size	: 15.07 m <sup>2</sup>	( 18.02 yd <sup>2</sup> )
Weight	: 2654 g/m <sup>2</sup>	( 78.28 oz/yd <sup>2</sup> )
Density	: 663.5 kg/m <sup>3</sup>	( 41.42 lbs/ft <sup>3</sup> )
Nominal Thickness	: 4.0 mm ± 0.5 mm	( 0.16" ± 0.02" )
Colour	: Black	
Backing Materials	: Polyester Spunbonded Fabric	



## PRODUCT DESCRIPTION

Kensington has a flat profile that increases the dimensional stability of the carpet due to its horizontal rigidity when combined with the carpet in a double stick method of installation. It is ideal for wheeled and high traffic areas as it has high density.

## RECOMMENDED APPLICATIONS

Sectors: Hospitality, Airport, Sports  
 Areas: Public Areas with High Traffic, Wheeled-traffic Areas, Corridors  
 Top Surface: Broadloom Carpets, Carpet Tile, Sports Flooring  
 Installation Method: Suitable for Double-Stick Method

## SUMMARY OF TESTS (results on next page)

End use classification: Class HC/U; Heavy Contract Use

### Material Standards

BS 5808 / BS EN 14499  
 BS 4939 / ISO 3416  
 BS 4098  
 BS 4051 / ISO 1765  
 BS 4052 / ISO 2094  
 BS 2576 / BS EN ISO 13934

### Environmental / Flammability Standards

REACH EU Compliant  
 BS 4790  
 ASTM D 2859  
 ASTM E-648 / NFPA 253  
 ASTM E-662 / NFPA 258

### Disclaimer

1. Some test results were derived from similar product results and may vary slightly  
 2. Kensington and associated labels are trademark of Lien Huat Alliance Sdn Bhd  
 3. Densities are indicative values only as there may be slight variations within normal manufacturing tolerance due to the product being made from natural materials. However, such variations will not affect the quality and performance of the product.

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# KENSINGTON 4

## Test Performance to BS 5808 : 1991 / BS EN 14499 : 2015

End Use Classification	Class HC/U; High Contract Use	
Work of Compression (Min 50 J/m <sup>2</sup> )	307.0 J/m <sup>2</sup>	BS 4098 / BS 4052 / ISO 2094
Retention of Work of Compression (min 40%)	88.0 %	BS 4098 / BS 4052 / ISO 2094
Compression after Dynamic Loading	2.5 mm	BS 4098 / BS 4052 / ISO 2094
Loss in Thickness after Dynamic Loading (max 15%)	3.0 %	BS 4098 / BS 4052 / ISO 2094
Loss in Thickness after Static Loading (max 15%)	6.1 %	BS 4939 / ISO 3416
Breaking Strength - length/width (min 30N)	184.0 N / 102.0 N	BS 2576 / BS EN ISO 13934
Extension Under Force - length/width (max 15%)	5.0 % / 11.0 %	BS 2576 / BS EN ISO 13934
Resistance to Cracking (not greater than 50 mm)	Pass	BS 5808 / BS EN 14499

## Test Performance to Environmental / Flammability Standards (ASTM D 2859 | BS 5808 : 1991)

Hot Metal Nut Test (Pass/Fail)	Pass / Medium Radius	BS 4790
Critical Radiant Flux (class II min 0.22 watts/cm <sup>3</sup> )	0.42 watts/cm <sup>3</sup>	ASTM E-648 / NFPA 253
Maximum Specific Optical Density (max 450)	Rating of 223	ASTM E-662 / NFPA 258
Specific Optical Density at 1.5 minutes (max 100)	21	ASTM E-662 / NFPA 258
Specific Optical Density at 4.0 minutes (max 175)	162	ASTM E-662 / NFPA 258

## Test Performance to Acoustic Standards (BS EN ISO 10140-3 : 2010)

Impact Sound Reduction ( $\Delta$ LW dB)	32 dB	BS EN 10140-3 / ISO 717-2
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## Manufacturer Warranty

A manufacturer's certificate of quality and warranty is available on request.

**Warranty will only take into effect AFTER completion and due inspection of the project.**

\*This is important to ensure that you receive the authentic product and that no inferior quality substitutes are used for your projects

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