

# KENSINGTON 6

Product Code: KN6

Origin: Malaysia

Manufacturer: Lien Huat Alliance Sdn. Bhd.



## PRODUCT SPECIFICATIONS

Construction	: Flat Sponge
Raw Material	: 100% Natural Rubber
Width	: 1.22 m ( 4' )
Length	: 8.2 m ( 26.90' )
Roll Size	: 10.0 m <sup>2</sup> ( 11.96 yd <sup>2</sup> )
Weight	: 3650 g/m <sup>2</sup> ( 107.65 oz/yd <sup>2</sup> )
Density	: 608.33 kg/m <sup>3</sup> ( 37.98 lbs/ft <sup>3</sup> )
Nominal Thickness	: 6.0 mm ± 0.5 mm ( 0.24" ± 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

### Acoustic Standards

BS EN 10140-3 / ISO 717-2

### 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.

Lot 9083, Jalan Udang Galah, Telok Gong,  
42000 Port Klang, Selangor, Malaysia

T: +60 3 3134 3902 F: +60 3 3134 3903  
E: info@lienrub.com www.lienhuat.com



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## 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%)	75.0 %	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%)	6.2 %	BS 4939 / ISO 3416
Breaking Strength - length/width (min 30N)	184.0 N / 102.0 N	BS 2576 / BS EN ISO 13934
Elongation at Break - length/width	24.8 % / 27.7 %	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	BS 4790
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## 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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