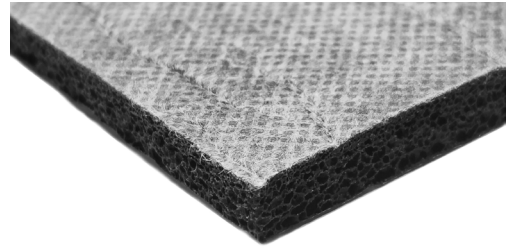


# KENSINGTON 5

Product Code: KN5  
 Origin: Malaysia  
 Manufacturer: Lien Huat Alliance Sdn. Bhd.



## PRODUCT SPECIFICATIONS

|                          |                               |                               |
|--------------------------|-------------------------------|-------------------------------|
| <b>Construction</b>      | : Flat Sponge                 |                               |
| <b>Raw Material</b>      | : 100% Natural Rubber         |                               |
| <b>Width</b>             | : 1.37 m                      | ( 4.49' )                     |
| <b>Length</b>            | : 7.3 m                       | ( 23.95' )                    |
| <b>Roll Size</b>         | : 10.0 m <sup>2</sup>         | ( 11.96 yd <sup>2</sup> )     |
| <b>Weight</b>            | : 2986 g/m <sup>2</sup>       | ( 88.07 oz/yd <sup>2</sup> )  |
| <b>Density</b>           | : 597.20 kg/m <sup>3</sup>    | ( 37.28 lbs/ft <sup>3</sup> ) |
| <b>Nominal Thickness</b> | : 5.0 mm ± 0.5 mm             | ( 0.20" ± 0.02" )             |
| <b>Colour</b>            | : Black                       |                               |
| <b>Backing Materials</b> | : 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.

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# KENSINGTON 5

## 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> )    | 194.6 J/m <sup>2</sup>        | BS 4098 / BS 4052 / ISO 2094 |
| Retention of Work of Compression (min 40%)        | 82.3 %                        | BS 4098 / BS 4052 / ISO 2094 |
| Compression after Dynamic Loading                 | 2.4 mm                        | BS 4098 / BS 4052 / ISO 2094 |
| Loss in Thickness after Dynamic Loading (max 15%) | 5.9 %                         | BS 4098 / BS 4052 / ISO 2094 |
| Loss in Thickness after Static Loading (max 15%)  | 3.9 %                         | BS 4939 / ISO 3416           |
| Breaking Strength - length/width (min 30N)        | 193.0 N / 97.7 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 | BS 4790 |
|--------------------------------|------|---------|

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

|  |       |                           |
|--|-------|---------------------------|
| Impact Sound Reduction ( $\Delta$ LW dB) | 28 dB | BS EN 10140-3 / ISO 717-2 |
|--|-------|---------------------------|

## 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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