

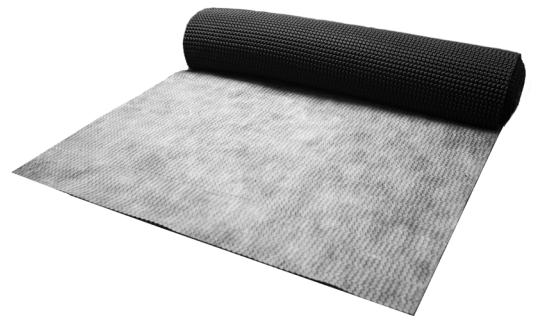
AEROSTEP KING

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



PRODUCT SPECIFICATIONS

| | | |
|-------------------|---|-------------------------------|
| Construction | : Waffle Sponge | |
| Raw Material | : 100% Natural Rubber | |
| Width | : 1.22 m | (4') |
| Length | : 8.0 m | (26.25') |
| Roll Size | : 9.76 m ² | (11.67 yd ²) |
| Weight | : 3782 g/m ² | (111.54 oz/yd ²) |
| Density | : 420.22 kg/m ³ | (26.23 lbs/ft ³) |
| Nominal Thickness | : 9.0 mm +/- 0.5 mm | (0.35" ± 0.02") |
| Colour | : Black | |
| Backing Materials | : Polyester Spunbonded Fabric / Stitchbonded Paper | |



PRODUCT DESCRIPTION

The Aerostep Series is based on a bigger bubble profile of waffle sponge underlays. Its bigger profile gives it good anchorage on the cement screed while providing excellent cushioning for underfoot comfort

RECOMMENDED APPLICATIONS

- Sectors:** Residential, Hospitality, Commercial
Areas: Homes, Hotel Rooms, Showrooms
Top Surface: Broadloom Carpets, Area Rugs
Installation Method: Install with fabric-side facing up; suitable for stretch-fit installation of Carpets

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

Disclaimer

1. Some test results were derived from similar product results
 2. Aerostep 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.

AEROSTEP KING

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 ²) | 388.0 J/m ² | BS 4098 / BS 4052 / ISO 2094 |
| Retention of Work of Compression (min 40%) | 77.1 % | 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%) | 8.5 % | BS 4098 / BS 4052 / ISO 2094 |
| Loss in Thickness after Static Loading (max 15%) | 7.0 % | BS 4939 / ISO 3416 |
| Breaking Strength - length/width (min 30N) | 93.7 N / 56.4 N | BS 2576 / BS EN ISO 13934 |
| Elongation at Break - length/width | 21.0 % / 26.7 % | 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 / Medium Radius | BS 4790 |
|--------------------------------|----------------------|---------|

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 substitutes are used for your projects

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