

## Underlay Technical Specification

Item Code: TAHEATCARPET2

Issue Date: 13/08/2024

Issue No. 9

### Sponge Rubber

Suitable for the stretch-fit installation of carpets

Suitable for underfloor heating. We do not recommend an underlay is used with an electric mat (or dry) underfloor heating system.

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



### Standard Specifications\*

|                       |  |          |
|-----------------------|--|----------|
| Nominal square weight | 3017 g/m <sup>2</sup> (89 oz/yd <sup>2</sup> ) |          |
| Nominal roll weight   | 30.2 kg (66.6 lbs)                             |          |
| Nominal roll area     | 10.00m <sup>2</sup> (1.37m x 7.30m)            |          |
| Nominal thickness     | 6.10mm   | ISO 1765 |

BS 5808: 1991 / EN14499 : 2015

|   |                          |                         |
|---|--------------------------|-------------------------|
| End Use Classification  | HC/U, Heavy Contract Use |                         |
| Work of compression (Min. 50 J/m <sup>2</sup> Max. 200 J/m <sup>2</sup> ) | 148 J/m <sup>2</sup>     | BS 4098 & ISO 2094      |
| Retention of work of compression (min 40%)                                | 91 %                     | BS 4098 & ISO 2094      |
| Compression after dynamic loading   | 3.5 mm                   | BS 4098 & ISO 2094      |
| Loss in thickness after dynamic loading (max 15%)                         | 4.3 %                    | BS 4052 & ISO 2094      |
| Loss in thickness after static loading (max 15%)                          | 4.1 %                    | ISO 3415/3416 & BS 4939 |
| Breaking strength (length/width) min. 30N                                 | 182N / >126N             | EN ISO 13394 BS 2576    |
| Extension under force (length/width) max. 15% @ 30N                       | 2.2% / 1.0%              | EN ISO 13394 BS 2576    |
| Resistance to cracking (not greater than 50mm)                            | Pass                     | EN 14499 & BS 5808      |

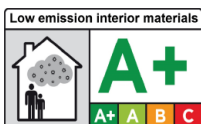
### Flammability

|  |                                   |                   |
|--|-----------------------------------|-------------------|
| Hot metal nut test (tested in Interfloor laboratory) | Low radius of effects of ignition | BS 4790 & BS 5287 |
|--|-----------------------------------|-------------------|

### Thermal Properties

|                          |                          |         |
|--------------------------|--------------------------|---------|
| Thermal resistance       | 0.75 togs                | BS 4745 |
| R-Value                  | 0.075 m <sup>2</sup> K/W |         |
| U-Value                  | 13.3 W/m <sup>2</sup> K  |         |
| Thermal conductivity (k) | 0.09 W/mK                |         |

### Certification



### Other Specifications

|                                       |   |   |
|---------------------------------------|---|---|
| Odour                                 | No objectionable odour                  |   |
| Antimicrobial and mildew resistant    | Yes                                     |   |
| Colour / backing                      | Forest green / printed Textron® backing |   |
| Packaging                             | White film / red print                  |   |
| Impact sound reduction (Delta Lw)     | 31 dB                                   | BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997 |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria         |   |

### 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

**THIS PRODUCT IS PRODUCED IN A FACILITY ACCREDITED TO ISO 9001, 14001 & 45001**