

Underlay Technical Specification

Item Code: TAIMPERIUM4

Issue Date: 13/10/2023

Issue No. 1

Polyurethane Rebond

Suitable for both stretch-fit and double-stick applications

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

Standard Specifications*

| | | |
|-----------------------|--|----------|
| Nominal density | 200 kg/m ³ | |
| Nominal square weight | 1251 g/m ² (37 oz/yd ²) | |
| Nominal roll weight | 18.80 kg (41.6 lbs) | |
| Nominal roll area | 15.07m ² (1.37m x 11.00m) | |
| Nominal thickness | 6.00mm | ISO 1765 |

BS 5808: 1991 / EN 14499

| | | |
|---|--------------------------|-------------------------|
| End Use Classification | HC/U, Heavy Contract Use | |
| Work of compression (Min. 50 J/m ² Max. 200 J/m ²) | >140 J/m ² | BS 4098 & ISO 2094 |
| Retention of work of compression (min 40%) | >90 % | BS 4098 & ISO 2094 |
| Loss in thickness after dynamic loading (max 15%) | <5 % | BS 4052 & ISO 2094 |
| Loss in thickness after static loading (max 15%) | <5 % | ISO 3415/3416 & BS 4939 |
| Resistance to cracking (not greater than 50mm) | Pass | EN 14499 & BS 5808 |
| Hot metal nut test (tested in Interfloor laboratory) | Pass | BS 4790 & BS 5287 |
| Breaking strength (length/width) min. 30N | >90N / >50N | BSEN 13934 |
| Extension under force (length/width) max. 15% @ 30N | <10% / <10% | BSEN 13934 |

Flammability

| | | |
|--------------------|-----------------------------------|-------------------|
| Hot metal nut test | Low radius of effects of ignition | BS 4790 & BS 5287 |
|--------------------|-----------------------------------|-------------------|

Other Specifications

| | | |
|---------------------------------------|---|---|
| Odour | No objectionable odour | |
| Colour / backing | White facing reinforced with spunbonded polyester / printed paper backing | |
| Packaging | White film / purple and dark grey print | |
| Thermal resistance | 1.68 togs | BS 4745 |
| Impact sound reduction (Delta Lw) | 35 dB | BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997 |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria | |



Certification



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