

# CLOUD



## RANGE OF UNDERLAYS **FR**

## CLOUD 9 FLAME RETARDANT 8

- CLOUD 9 COMBUSTION MODIFIED CORE
- SUITABLE FOR BOTH CONTRACT AND DOMESTIC APPLICATIONS
- CONFORMS TO EU MARINE DIRECTIVES

### RECOMMENDED AREAS OF USE

SUITABLE FOR HEAVY CONTRACT USE AND CONTRACT, DOMESTIC AND MARINE WORK WHERE COMFORT UNDERFOOT IS REQUIRED.

SUITABLE FOR STRETCH-FIT APPLICATIONS OR DOUBLESTICK APPLICATIONS IN SMALLER AREAS

Manufactured in the UK to BS EN 14499:2015

### STANDARD SPECIFICATIONS

|                      |                                                                              |                       |
|----------------------|------------------------------------------------------------------------------|-----------------------|
| TOP SURFACE          | Printed Corona Treated Polymer Film                                          |                       |
| BOTTOM SURFACE       | Corona Treated Polymer Film                                                  |                       |
| NOMINAL THICKNESS    | 8.00 mm                                                                      |                       |
| NOMINAL ROLL WEIGHT  | 20.1 kg                                                                      | 44.3 lb               |
| WEIGHT PER UNIT AREA | 1334 g/m <sup>2</sup>                                                        | 39 oz/yd <sup>2</sup> |
| ROLL LENGTH          | 11.0 m                                                                       | 36.0 ft               |
| ROLL WIDTH           | 1.37 m                                                                       | 54 in                 |
| GUARANTEE            | Lifetime of the initial carpet installation (when used in recommended areas) |                       |
| CORE DENSITY         | 160 kg/m <sup>3</sup>                                                        |                       |
| PRODUCT DENSITY      | 167 kg/m <sup>3</sup>                                                        |                       |

### BS EN 14499 TEST RESULTS - BRITISH STANDARD FOR CARPET UNDERLAYS

|                                         |                   |                       |
|-----------------------------------------|-------------------|-----------------------|
| END USE CLASSIFICATION                  | BS EN 14499       | HC/U                  |
| WORK OF COMPRESSION AFTER 1000 IMPACTS  | BS 4098           | >130 J/m <sup>2</sup> |
| RETENTION OF WORK OF COMPRESSION        | BS 4098           | >90 %                 |
| LOSS IN THICKNESS AFTER STATIC LOADING  | BS 4939 ISO 3416  | <5.00 %               |
| LOSS IN THICKNESS AFTER DYNAMIC LOADING | BS ISO 2094 (R05) | <5.00 %               |
| RESISTANCE TO CRACKING                  | BS EN 14499       | Pass                  |

### FIRE RESISTANCE TESTS

|                                                                  |                   |                             |
|------------------------------------------------------------------|-------------------|-----------------------------|
| CONFORMS TO EUROPEAN MARINE EQUIPMENT DIRECTIVE (MED) 2014/90/EU |                   |                             |
| MED QUALITY APPROVAL CERTIFICATE - MODULE B                      |                   |                             |
| EUROPEAN REACTION TO FIRE CLASSIFICATION                         |                   |                             |
| IMO - FLAMMABILITY TEST                                          | MSC 307 (88) Pt 5 | Pass                        |
| IMO - MARINE SMOKE & TOXICITY TEST                               | MSC 307 (88) Pt 2 | Pass                        |
| HOT METAL NUT TEST                                               | BS 4790           | Pass - Low radius of effect |
| FRENCH EPIRADIATEUR                                              | NFP 92 -501       | Pass Class M3               |

### INDOOR AIR QUALITY TEST

|                             |  |           |
|-----------------------------|--|-----------|
| TESTED TO ISO16000          |  |           |
| FRENCH VOC REGULATIONS      |  | A+        |
| FRENCH CMR COMPONENTS       |  | Pass      |
| ITALIAN CAM                 |  | Pass      |
| AgBB/ABG                    |  | Pass      |
| FORMALDEHYDE EMISSION CLASS |  | E1        |
| BREEAM@NOR                  |  | Compliant |

### OTHER RELEVANT TESTS

|                                                                                  |         |         |
|----------------------------------------------------------------------------------|---------|---------|
| THERMAL RESISTANCE (TOG RATING)                                                  | BS 4745 | 1.7 TOG |
| IMPACT SOUND IMPROVEMENT INDEX (Test/Rated to BS EN ISO 140-8 / BS EN ISO 717-2) |         | 38 dB   |



**Ball & Young Ltd**  
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DISCLAIMER

Whilst every effort is made to ensure its accuracy, the data on this sheet is meant for information purposes only. The typical properties listed are the result of extensive laboratory tests, but since Ball & Young has no control over the end use of each material, we cannot guarantee these results are obtained in practice. Users should conduct their own tests to determine the suitability of each material to its intended application.