

# CLOUD



## RANGE OF UNDERLAYS **FR**

## CLOUD 9 FLAME RETARDANT 6

- CLOUD 9 COMBUSTION MODIFIED CORE
- SUITABLE FOR HEAVY CONTRACT USE
- CONFORMS TO EU MARINE DIRECTIVES

### RECOMMENDED AREAS OF USE

HEAVY CONTRACT AND DOMESTIC USE AREAS AND LARGE AREAS WHERE A FLAT FIRM FITTING IS REQUIRED.

SUITABLE FOR STRETCH-FIT OR DOUBLESTICK APPLICATIONS

Manufactured in the UK to BS 5808:1991 & BS EN 14499:2015

### STANDARD SPECIFICATIONS

TOP SURFACE	Printed Corona Treated Polymer Film	
BOTTOM SURFACE	Corona Treated Polymer Film	
NOMINAL THICKNESS	6.00 mm	
NOMINAL ROLL WEIGHT	15.3 Kg	33.7 lb
WEIGHT PER UNIT AREA	1015 g/M <sup>2</sup>	30 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	169 Kg/M <sup>3</sup>	

### BS. 5808 : 1991 TEST RESULTS - BRITISH STANDARD FOR CARPET UNDERLAYS

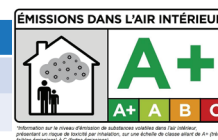
END USE CLASSIFICATION	BS.5808	HC/U
WORK OF COMPRESSION AFTER 1000 IMPACTS	BS.4098	>90 J/m <sup>2</sup>
RETENTION OF WORK OF COMPRESSION	BS.4098	>90 %
LOSS IN THICKNESS AFTER STATIC LOADING	BS.4939	<5.00 %
LOSS IN THICKNESS AFTER DYNAMIC LOADING	BS.4052	<5.00 %
RESISTANCE TO CRACKING	BS.5808 (A)	Pass

### FIRE RESISTANCE TESTS

CONFORMS TO EUROPEAN MARINE EQUIPMENT DIRECTIVE (MED) 2014/90/EU		
MED QUALITY APPROVAL CERTIFICATE - MODULE B		
EUROPEAN REACTION TO FIRE CLASSIFICATION	EN13501-1:2007	Bfl-S1
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 EMISSION CLASS LABEL	A+	



### OTHER RELEVANT TESTS

THERMAL RESISTANCE (TOG RATING)	BS 4745	1.4 TOG
IMPACT SOUND IMPROVEMENT INDEX (Test/Rated to BS EN ISO 140-8 / BS EN ISO 717-2)		32 dB

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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.

  
**Ball & Young Ltd**  
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