

CLOUD



RANGE OF UNDERLAYS **FR**

CLOUD 9 FLAME RETARDANT 4

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

RECOMMENDED AREAS OF USE

HEAVY AND GENERAL CONTRACT USE AREAS. SUITABLE FOR CONTRACT, DOMESTIC AND MARINE WORK. ALSO SUITABLE FOR USE UNDER WOODEN FLOORS.

SUITABLE FOR STRETCH-FIT OR DOUBLESTICK APPLICATIONS

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	4.00 mm	
NOMINAL ROLL WEIGHT	10.4 kg	22.9 lb
WEIGHT PER UNIT AREA	690 g/m ²	20 oz/yd ²
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 ³	
PRODUCT DENSITY	174 kg/m ³	

BS EN 14499 TEST RESULTS - BRITISH STANDARD FOR CARPET UNDERLAYS

END USE CLASSIFICATION	BS EN 14499	GC/U - HC/U
WORK OF COMPRESSION AFTER 1000 IMPACTS	BS 4098	>70 J/m ²
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	0.9 TOG
IMPACT SOUND IMPROVEMENT INDEX (Test/Rated to BS EN ISO 140-8 / BS EN ISO 717-2)		27 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.