

# CLOUD 9 CUSHION WOOD

PRODUCT DATASHEET • ISSUE 7 - 19.01.2026



## FEATURES

- MANUFACTURED IN THE UK TO BS EN 14499
- SUPPORTS FLOOR GIVING A MORE COMFORTABLE FEEL
- MOISTURE LOCK SYSTEM
- IMPACT SOUND REDUCTION PROPERTIES

## APPLICATIONS

- SUITABLE FOR SOLID AND LAMINATE WOOD FLOORS
- NOT TO BE USED AS A REPLACEMENT FOR A DPM

STANDARD SPECIFICATIONS		
CORE	Cloud 9 PU Foam	
TOP SURFACE	Printed Non-woven fabric	
BOTTOM SURFACE	Blue Thermoplastic Film	
NOMINAL THICKNESS	4.00 mm	
NOMINAL ROLL WEIGHT	13.1 kg	28.9 lb
WEIGHT PER UNIT AREA	869 g/m <sup>2</sup>	26 oz/yd <sup>2</sup>
ROLL LENGTH	11.00 m	36.0 ft
ROLL WIDTH	1.37 m	54 in
CORE DENSITY	200 kg/m <sup>3</sup>	
PRODUCT DENSITY	216 kg/m <sup>3</sup>	

BS EN 14499:2015 TEST RESULTS - UK AND EU STANDARD FOR CARPET UNDERLAYS		
END USE CLASSIFICATION	BS EN 14499	N/A
BREAKING STRENGTH - LENGTH/WIDTH (N)	EN ISO 13934-1	>80 N / >55 N
ELONGATION (%) AT 30N - LENGTH/WIDTH	EN ISO 13934-1	<10 / <7.5
WORK OF COMPRESSION AFTER 1000 IMPACTS	BS 4098	>70 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)	<2.50 %
RESISTANCE TO CRACKING	BS EN 14499	Pass

FIRE RESISTANCE TESTS		
HOT METAL NUT TEST	BS 4790	Pass - Low radius of effect
KLEINBRENNER TEST	DIN 54332	Pass - Burning Class T-b

INDOOR AIR QUALITY TEST		
TESTED TO ISO 16000		
FRENCH VOC REGULATIONS	A+	
FRENCH CMR COMPONENTS	Pass	
ITALIAN CAM	Pass	
FORMALDEHYDE EMISSION CLASS	E1	

OTHER RELEVANT TESTS		
THERMAL RESISTANCE (TOG RATING)	BS 4745	1.1 Tog
IMPACT SOUND IMPROVEMENT INDEX (TESTED / RATED)	BS EN ISO 10140-3 BS EN ISO 717-2	28 dB
COMPRESSIVE STRENGTH	EN 826	>23 kPa

## 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.