

CLOUD 9 RADIANCE 6mm

PRODUCT DATASHEET • ISSUE 6 - 16.07.26

FEATURES

- MANUFACTURED IN THE UK TO BS EN 14499
- EXCELLENT SOUND REDUCTION PROPERTIES
- HIGH DENSITY
- SUITABLE FOR STRETCH-FIT OR DOBLESTICK APPLICATIONS

APPLICATIONS

- HEAVY CONTRACT INSTALLATIONS
- DESIGNED FOR USE WITH UNDER-FLOOR HEATING
- LARGE AREAS WHERE A FLAT FIRM FITTING IS REQUIRED
- RECOMMENDED FOR USE WITH SISAL CARPETS



STANDARD SPECIFICATIONS		
CORE	Cloud 9 APT Crumb	
TOP SURFACE	Spun bonded polypropylene	
BOTTOM SURFACE	Corona treated polymer film	
NOMINAL THICKNESS	6.00 mm	
NOMINAL ROLL WEIGHT	17.7 kg	39.0 lb
WEIGHT PER UNIT AREA	1175 g/m ²	35 oz/yd ²
ROLL LENGTH	11.0 m	36.0 ft
ROLL WIDTH	1.37 m	54 in
CORE DENSITY	180 kg/m ³	
PRODUCT DENSITY	196 kg/m ³	

BS EN 14499:2015 TEST RESULTS - UK AND EU STANDARD FOR CARPET UNDERLAYS		
END USE CLASSIFICATION	BS EN 14499	HC/U
WORK OF COMPRESSION AFTER 1000 IMPACTS	BS 4098	>90 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

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	1.3 Tog
IMPACT SOUND IMPROVEMENT INDEX (TESTED / RATED)	BS EN ISO 10140-3 BS EN ISO 717-2	31 dB

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.