



Cast Iron

CAST IRON 6

- DESIGNED SPECIFICALLY FOR PALACES, PUBS, CLUBS AND RESTAURANTS.
- FLAME RETARDANT PROPERTIES
- MARINE AREAS OF USE INSTALLATIONS WHERE A FIRM FITTING IS REQUIRED
- EASY LIFT AND HANDLE



RECOMMENDED AREAS OF USE

SUITABLE FOR HEAVY CONTRACT USE. LARGE AREAS AND MARINE WORK
SUITABLE FOR STRETCH-FIT OR DOUBLESTICK APPLICATIONS

Manufactured in the UK to BS EN 14499:2015

STANDARD SPECIFICATIONS		
TOP SURFACE	FR Spun Bonded Polypropylene	
BOTTOM SURFACE	Thermoplastic Film	
NOMINAL THICKNESS	6.00 mm	
NOMINAL ROLL WEIGHT	13.7 kg	30.2 lb
WEIGHT PER UNIT AREA	909 g/m ²	27 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	140 kg/m ³	
PRODUCT DENSITY	151 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	>110 J/m ²
RETENTION OF WORK OF COMPRESSION	BS 4098	>80 %
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	EN13501-1	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	Low radius of effect * Tested in B&Y Laboratory

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	1.5 TOG
IMPACT SOUND IMPROVEMENT INDEX (Test/Rated)	BS EN ISO 10140-3 BS EN ISO 717-2)	28 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.