



## CAST IRON

- 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 5808:1991 & 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 <sup>2</sup>	27 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	140 Kg/M <sup>3</sup>	
PRODUCT DENSITY	151 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	>110 J/m <sup>2</sup>
RETENTION OF WORK OF COMPRESSION	BS.4098	>80 %
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		
EUROPEAN REACTION TO FIRE CLASSIFICATION	EN13501-1:2007	Bfl-s1
IMO - FLAMMADILITY TEST	MSC 307 (88) Pt 5	Pass
MO - MARINE SMOKE & TOXICITY TEST	MSC 307 (88) Pt 2	Pass

### INDOOR AIR QUALITY TEST

TESTED TO ISO16000		
FRENCH VOC EMISSION CLASS LABEL	A+	



### OTHER RELEVANT TESTS

THERMAL RESISTANCE (TOG RATING)	BS 4745	1.5 TOG
IMPACT SOUND IMPROVEMENT INDEX (Test/Rated to BS EN ISO 140-8 / 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.

