



# 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 <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 EN 14499 TEST RESULTS - BRITISH STANDARD FOR CARPET UNDERLAYS

END USE CLASSIFICATION	BS EN 14499	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 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 to BS EN ISO 140-8 / BS EN ISO 717-2)		28 dB

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