

CAST IRON 6mm

PRODUCT DATASHEET • ISSUE 5 - 07.02.23

FEATURES

- MANUFACTURED IN THE UK TO BS EN 14499
- FLAME RETARDANT
- CONFORMS TO MARINE DIRECTIVES
- EASY PEEL APPEAL

APPLICATIONS

- HEAVY CONTRACT AREAS
- SUITABLE FOR LARGE AREAS AND MARINE WORK
- INSTALLATIONS WHERE A FLAT FIRM FITTING IS REQUIRED



STANDARD SPECIFICATIONS

CORE	Combustion modified core	
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
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 D

UK MARITIME AND COASTGUARD AGENCY TYPE APPROVAL CERTIFICATE

UK MCA QUALITY APPROVAL CERTIFICATE - MODULE D

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	Pass - Low radius of effect

INDOOR AIR QUALITY TEST

TESTED TO ISO 16000		
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 (TESTED / RATED)	BS EN ISO 10140-3 BS EN ISO 717-2	28 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.