

OLYMPIC 5mm

PRODUCT DATASHEET • ISSUE 6 - 06.05.22

FEATURES

- MANUFACTURED IN THE UK TO BS EN 14499
- HEAVYWEIGHT FLAT SPONGE RUBBER
- SUITABLE FOR STRETCH-FIT OR DOUBLESTICK APPLICATIONS

APPLICATIONS

- HEAVY CONTRACT USE
- LARGE AREAS
- INSTALLATIONS WHERE A FLAT FIRM FITTING IS REQUIRED
- CAN BE USED WITH UNDERFLOOR HEATING



STANDARD SPECIFICATIONS

CORE	Heavy weight flat sponge rubber	
TOP SURFACE	Stitch bonded perforated crepe paper	
BOTTOM SURFACE	Spun bonded non-woven fabric	
NOMINAL THICKNESS	5.00 mm	
NOMINAL ROLL WEIGHT	29.0 kg	63.9 lb
WEIGHT PER UNIT AREA	2888 g/m ²	85 oz/yd ²
ROLL LENGTH	7.33 m	24.0 ft
ROLL WIDTH	1.37 m	54 in

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

FIRE RESISTANCE TESTS

EUROPEAN REACTION TO FIRE CLASSIFICATION	EN13501-1	Cfl-s1
HOT METAL NUT TEST	BS 4790	Pass - Low radius of effect
NBS RADIANT PANEL	ASTM E648	Pass - Category 1

INDOOR AIR QUALITY TEST

TESTED TO ISO 16000		
TESTED TO EUROFINS INDOOR AIR COMFORT® STANDARD	Pass	
TESTED TO EUROFINS INDOOR AIR COMFORT GOLD® STANDARD	Pass	
FRENCH VOC REGULATIONS	A+	
FRENCH CMR COMPONENTS	Pass	
ITALIAN CAM	Pass	
AgBB/ABG	Pass	
FORMALDEHYDE EMISSION CLASS	E1	
BREEAM INTERNATIONAL	Compliant	
LEED V4 (OUTSIDE U.S.)	Compliant	
BREEAM® NOR	Compliant	

OTHER RELEVANT TESTS

THERMAL RESISTANCE (TOG RATING)	BS 4745	0.5 Tog
IMPACT SOUND IMPROVEMENT INDEX (TESTED / RATED)	BS EN ISO 10140-3 BS EN ISO 717-2	23 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.