

# COSI 8mm

PRODUCT DATASHEET • ISSUE 7 - 07.06.20



## FEATURES

- MANUFACTURED IN THE UK TO BS EN 14499
- ADDS LUXURY AND COMFORT AROUND THE HOME
- EASY LIFT AND HANDLE

## APPLICATIONS

- LIGHT AND GENERAL USE
- DOMESTIC INSTALLATIONS
- AREAS OF LOW TO MEDIUM WEAR

## STANDARD SPECIFICATIONS

CORE	APT Core	
TOP SURFACE	Printed non-woven	
BOTTOM SURFACE	White non-woven	
NOMINAL THICKNESS	8.00 mm	
NOMINAL ROLL WEIGHT	11.1 kg	24.5 lb
WEIGHT PER UNIT AREA	737 g/m <sup>2</sup>	22 oz/yd <sup>2</sup>
ROLL LENGTH	11.00 m	36.0 ft
ROLL WIDTH	1.37 m	54 in
CORE DENSITY	80 kg/m <sup>3</sup>	
PRODUCT DENSITY	92 kg/m <sup>3</sup>	

## BS EN 14499:2015 TEST RESULTS - UK AND EU STANDARD FOR CARPET UNDERLAYS

END USE CLASSIFICATION	BS EN 14499	GD/U - L/U
WORK OF COMPRESSION AFTER 1000 IMPACTS	BS 4098	>100 J/m <sup>2</sup>
RETENTION OF WORK OF COMPRESSION	BS 4098	>50 %
LOSS IN THICKNESS AFTER STATIC LOADING	BS 4939 ISO 3416	<10.00 %
LOSS IN THICKNESS AFTER DYNAMIC LOADING	BS ISO 2094 (R05)	<10.00 %
RESISTANCE TO CRACKING	BS EN 14499	Pass

## FIRE RESISTANCE TESTS

HOT METAL NUT TEST	BS 4790	Pass - Low radius of effect
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## 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+	The logo shows a house icon with a tree inside, next to a large green 'A+' and smaller 'A+', 'B', and 'C' labels below it.
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	2.4 Tog
IMPACT SOUND IMPROVEMENT INDEX (TESTED / RATED)	BS EN ISO 10140-3 BS EN ISO 717-2	31 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.