

COSI 10mm

PRODUCT DATASHEET • ISSUE 5 - 25.08.20

FEATURES

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

APPLICATIONS

- LUXURY USE AREAS
- 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 | 10.00 mm | |
| NOMINAL ROLL WEIGHT | 13.5 kg | 29.8 lb |
| WEIGHT PER UNIT AREA | 896 g/m ² | 26 oz/yd ² |
| ROLL LENGTH | 11.00 m | 36.0 ft |
| ROLL WIDTH | 1.37 m | 54 in |
| CORE DENSITY | 80 kg/m ³ | |
| PRODUCT DENSITY | 90 kg/m ³ | |

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

| | | |
|---|-------------------|-----------------------|
| END USE CLASSIFICATION | BS EN 14499 | L/U |
| WORK OF COMPRESSION AFTER 1000 IMPACTS | BS 4098 | >120 J/m ² |
| 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 |
|--------------------|---------|-----------------------------|

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 | 3.0 Tog |
| IMPACT SOUND IMPROVEMENT INDEX (TESTED / RATED) | BS EN ISO 10140-3 BS EN ISO 717-2 | 44 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.