



## DPM 2020 CAST IRON FLAME RETARDANT

| 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<br>(when used in recommended areas) |                       |
| CORE DENSITY            | 140 Kg/M <sup>3</sup>                                                           |                       |
| PRODUCT DENSITY         | 151 Kg/M <sup>3</sup>                                                           |                       |

| BS. 5808 : 1991 TEST RESULTS - BRITISH STANDARD FOR CARPET UNDERLAYS |             |                       |
|----------------------------------------------------------------------|-------------|-----------------------|
| END USE CLASSIFICATION                                               | BS.5808     | 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     | <5.00 %               |
| LOSS IN THICKNESS AFTER DYNAMIC LOADING                              | BS.4052     | <5.00 %               |
| RESISTANCE TO CRACKING                                               | BS.5808 (A) | Pass                  |

| FIRE RESISTANCE TESTS                                            |                   |        |
|------------------------------------------------------------------|-------------------|--------|
| CONFORMS TO EUROPEAN MARINE EQUIPMENT DIRECTIVE (MED) 2014/90/EU |                   |        |
| EUROPEAN REACTION TO FIRE CLASSIFICATION                         | EN13501-1:2007    | Bfl-s1 |
| IMO - FLAMMABILITY TEST                                          | MSC 307 (88) Pt 5 | Pass   |
| MO - MARINE SMOKE & TOXICITY TEST                                | MSC 307 (88) Pt 2 | Pass   |

| INDOOR AIR QUALITY TEST         |    |  |
|---------------------------------|----|--|
| TESTED TO ISO16000              |    |  |
| FRENCH VOC EMISSION CLASS LABEL | A+ |  |



| OTHER RELEVANT TESTS                                                                |         |         |
|-------------------------------------------------------------------------------------|---------|---------|
| THERMAL RESISTANCE (TOG RATING)                                                     | BS 4745 | 1.5 TOG |
| IMPACT SOUND IMPROVEMENT INDEX<br>(Test/Rated to BS EN ISO 140-8 / BS EN ISO 717-2) |         | 28 dB   |