

**Surface Burning Characteristics | CAN/ULC-S102-10**

|                       |       |
|-----------------------|-------|
| Flame Spread Value    | 19.6  |
| Smoke Developed Value | 104.4 |

**Color Fastness | AATCC Methods**

|               |          |     |
|---------------|----------|-----|
| Light         | AATCC16  | 5   |
| Water         | AATCC107 | 5   |
| Rubbing (dry) | AATCC165 | 4.5 |
| Rubbing (wet) | AATCC165 | 4.5 |

**Piling Resistance | DuPond Tumble Method**

|         |     |
|---------|-----|
| Pilling | 4-5 |
| Fuzzing | 2-3 |

**Sound Absorption | ASTM C423-09a**

|                         |     |      |      |      |      |      |
|-------------------------|-----|------|------|------|------|------|
| Centre Frequency (Hz)   | 125 | 250  | 500  | 1000 | 2000 | 4000 |
| Absorbtion Coefficients | 0   | 0.03 | 0.04 | 0.19 | 0.32 | 0.29 |

NRC = 0.15

**Impact Sound Insulation | BS EN ISO 10140-3:2010**

|                         |     |     |     |     |      |      |      |      |      |      |
|-------------------------|-----|-----|-----|-----|------|------|------|------|------|------|
| Centre Frequency (Hz)   | 100 | 125 | 160 | 200 | 250  | 315  | 400  | 500  | 630  | 800  |
| Improvement in ISI (dB) | 2.5 | 2.1 | 4   | 6.2 | 12.4 | 16.6 | 19.4 | 24.3 | 27.8 | 32.5 |

|                         |       |       |       |       |       |       |       |       |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Centre Frequency (Hz)   | 1,000 | 1,250 | 1,600 | 2,000 | 2,500 | 3,150 | 4,000 | 5,000 |
| Improvement in ISI (dB) | 41    | 48.8  | 52.9  | 55.5  | 56.8  | 57.9  | 58.1  | 58.8  |