

## **Specification**

### **Material Composition**

Polyurethane (PU) Foam – 97% Recycled Content

### **Total Weight**

ca. 1015 g/m<sup>2</sup> (30 oz/yd<sup>2</sup>) (+/- 10%)

### **Total Thickness**

ca. 7 mm (0.28")

### **Density**

ca. 145 kg/m<sup>3</sup>

### **Roll Area**

ca. 15.07 m<sup>2</sup>

### **Roll Size**

1.37 m x 11 m

### **End Use Classification**

HC/U, Heavy Contract Use

### **Work of Compression**

> 140 J/m<sup>2</sup>

### **Retention of Work of Compression**

> 90 %

### **Loss in Thickness after Dynamic Loading**

< 5 %

### **Loss in Thickness after Static Loading**

< 5%

### **Resistance to Cracking**

Pass

### **Breaking Strength**

- Length > 90N

- Width > 50N

### **Extension under Force**

- Length < 10 %

- Width < 10 %

### **Flammability**

### **Hot Metal Nut Test**

Pass - Low radius of effects of ignition

### **Critical Radiant Flux**

Category 1 (0.53W/cm<sup>2</sup>)

### **Reaction to Fire Classification**

Bfl-s1

**China National FR Test (at China National Test Centre)**

Bf1 – s1,t1

**Russian GOST FR Test**

Class I

### **Test Performance to US Standards**

**CFD (Compression Force Deflection)**

0.9 PSI @ 25% deflection.

3.1 PSI @ 50% deflection.

6.3 PSI @ 65% deflection.

**Recommended Use**

Moderate Traffic Class I

### **Acoustic Properties**

**Impact Sound Reduction**

$\Delta Lw$ : 34 dB

### **Other Properties and Test Performance**

**Odour**

No objectionable odour

**Colour / Backing**

Yellow polyethylene / polyethylene with reinforcing mesh

**Thermal Resistance (European Units)**

1.99 togs

**Emissions (US Carpet & Rug Institute)**

Meets low VOC emission criteria (Certified GLP051 Cat CC2 PU)

**French VOC Emission Regulations**

Complies A+

**Antimicrobial and mildew resistant**

Pass

### **GREEN CREDENTIALS**

**Recyclable**

At the end of the underlays useful life, it can be 100% recycled

**Recycled Content**

Contains not less than 95% pre-consumer recycled material

### **Indoor Air Quality**

Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme

### **Regional Materials**

Production Facility Haslingden B4 4LS, UK. Where used within 500 miles of Production Facility

### **Installation**

Subfloors should be dry, clean and free of oil, grease & damp. **DOUBLE STICK & STRETCH FIT** suitability. Fitting should meet the British Standard code of practice BS 5325 & be undertaken by experienced fitters.

### **Recommended Use Areas**

Hotel Corridors (Medium & Heavy Traffic), Banquet Halls, Ballrooms, Smaller Function Rooms, Restaurants, Lounges & Bars, Airports, and Offices (Medium & Heavy Traffic).