

# High Dense Crump Rubber Underlay Specification

## Material Composition

65% Recycled Crumb Rubber & 35% Latex Rubber

## Total Weight

ca. 2100g/m<sup>2</sup> (62oz/yd<sup>2</sup>) (+/- 10%)

## Total Thickness

ca. 5.25mm (0.207")

## Density

ca. 40kg/m<sup>3</sup> (25lbs/cu.ft)

## Roll Area

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

## Roll Weight

ca. 31.6kg (70lbs)

## Roll Size

1.37m x 11m

## End Use Classification

HC/U, Heavy Contract Use

## Work of Compression

> 75J/m<sup>2</sup>

## Retention of Work of Compression

>88.5 %

## Compress after Dynamic Loading

2mm

## Loss in Thickness after Dynamic Loading

< 6%

## Loss in Thickness after Static Loading

< 6.5 %

## Resistance to Cracking

Pass

## Breaking Strength

- Length > 700N

- Width > 300N

## Extension under Force

- Length < 1 %

- Width < 0.5 %

## Flammability

## Hot Metal Nut Test (Tested in conjunction with Axminster 80:20 carpet)

Pass - Low radius of effects of ignition

## **US Methenamine Pill Test**

Pass

## **Reaction to Fire Classification (Tested in conjunction with Axminster 80:20 carpet)**

Bfl-s1

## **Russian GOST FR Test**

Classification KM

## **Accoustic Properties**

### **Impact Sound Reduction**

$\Delta L_w$ : 26dB

### **Impact Insulation Class (IIC)**

56

## **Test Performance to US Standards**

### **CFD (Compression Force Deflection)**

5.4 PSI @ 25% Deflection

37.6 PSI @ 50% Deflection

152.6 PSI @ 65% Deflection

### **Recommended Use**

Extra Heavy Commercial Class III

## **Other Properties and Test Performance**

### **Odour**

No objectionable odour

### **Colour / Backing**

Black / Woven Polypropylene Backing with Green Stripes

### **Thermal Resistance (European Units)**

0.88 togs

### **- R value (SI Unit)**

0.113

### **- R Value (USA Unit)**

0.642

### **Emissions**

Meets Low VOC Emission Criteria (Certified GLP100157)

### **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**

### **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 BB4 4LS, UK. Where used within 500 miles of Production Facility

## **Installation**

Subfloors should be dry, clean & 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), Smaller Function Rooms, Gyms, Fitness Rooms, Airports, Conference Halls, Lobbies, Lecture Theatres, Cinema Halls, Offices (Medium & Heavy Traffic), and below Carpet Tiles