

IMO Marine Underlay Specification

Material Composition

Polyurethane (PU) Foam – 97% Recycled Content

Total Weight

ca. 1002 g/m² (27 oz/yd²) (+/- 10%)

Total Thickness

ca. 6.5 mm (0.256")

Density

ca. 145 kg/m³

Roll Area

ca. 15.07 m²

Roll Size

1.37 m x 11 m

End Use Classification

HC/U, Heavy Contract Use

Work of Compression

> 140 J/m²

Retention of Work of Compression

> 90 %

Loss in Thickness after Dynamic Loading

< 5 %

Loss in Thickness after Static Loading

< 5.7 %

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

US Critical radiant flux NFPA

Category I

IMO Surface Flammability Test - Part 5

7395 g (345 g of CO² / kg of Product)

Accoustic Properties

Impact Sound Reduction

ΔL_w: 30 dB

Other Properties and Test Performance

Odour

No objectionable odour

Colour / Backing

Orange Polyethylene / Polyethylene with reinforcing scrim

Thermal Resistance (European Units)

1.58 togs

- R value (SI Unit)

0.16

- R Value (USA Unit)

0.91

Emissions

Meets Low VOC Emission Criteria (Certified GLP051 Cat CC2 PU)

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 BB4 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), Smaller Function Rooms, Restaurants, Lounges & Bars, Airports, Conference Halls, Lobbies, Cruise Ships, Luxury Yachts, and Offices (Heavy Traffic).