

# LSI 101

Extreme Heavy Commercial/Hospitality Traffic

## Spec Sheet

### PRODUCT SPECIFICATIONS

<b>Manufacturer</b>	LSI Flooring – LSI Padding
<b>Product Name</b>	LSI 101
<b>Product Code</b>	LSI101-PAD-0645
<b>Application</b>	Extreme Heavy Commercial/Hospitality Carpet Cushion
<b>Installation Method</b>	Double Glue or Stretch-In
<b>Material</b>	100% High Density Frothed Polyurethane Foam Bonded to Woven Polypropylene Substrate.
<b>Roll Size</b>	6' x 45' – 30 Square Yards
<b>Density</b>	16 lbs./ft <sup>3</sup>
<b>Thickness</b>	0.175"
<b>Roll Weight</b>	88 lbs.
<b>Water Resistance</b>	British Spill Test . . . . . PASS
<b>Sound Rating</b>	65 IIC (ASTM E492)
<b>Thermal Resistance</b>	R-Value 0.53 (ASTM C518-10) Excellent for radiant heated floors
<b>Radiant Panel Test</b>	Exceeds Class 1 (ASTM E648) As specified in NFPA life safety code 101
<b>Pill Test</b>	Pass (FF 1-70)
<b>Smoke Density</b>	98
<b>Resiliency</b>	Indentation Load Deflection (25%) . . . . 15 lbs. Indentation Load Deflection (65%) . . . . 80 lbs.
<b>Antimicrobial</b>	Antimicrobial protection prevents mold, mildew and bacterial growth for a life-long odor free installation. Hypoallergenic.
<b>Indoor Air Quality</b>	Third party tested and certified as a low VOC interior building material. UL GREENGUARD GOLD Certified® for your assurance of the very best indoor air quality.
<b>LEED Credit EQ 4.3</b>	Low-emitting Materials – Flooring Systems
<b>LEED Credit MR 5.1</b>	10% Extracted, Processed & Manufactured Regionally
<b>LEED Credit MR 5.2</b>	20% Extracted, Processed & Manufactured Regionally
<b>NOTE:</b> Specification values subject to a 10% manufacturing tolerance.	

### PRODUCT OVERVIEW

**LSI 101** is a commercial grade polyurethane carpet cushion engineered for environments with continuous rolling loads and extreme heavy foot traffic. Its high-density construction provides exceptional resilience and support while helping maintain carpet appearance and performance over time.

Designed for demanding commercial applications such as casinos and banks, **LSI 101** delivers long term durability while improving comfort underfoot .

### WARRANTY

**LSI 101 Commercial Carpet Cushion** is warranted for performance equal to the life of the carpet when installed using recommended commercial installation methods.

This coverage applies to both **double glue** and **stretch-in** carpet installation.

Exception: When installed in a Guest Room application **LSI 101** is warranted for two complete carpet installations.

### ECO-RESPONSIBLE

Formaldehyde, PVC, Phthalate, Lead and Heavy Metal Free, Non-toxic, Low VOC. GREENGUARD Gold Certified for Indoor Air Quality and CRI Green Label Plus Certified. LEED building credits, 100% Recyclable.

Made in part with Eco-Friendly Soybean Oil, lessening dependence on petrochemicals. Applicable towards LEED Credit MR 6 – Rablyd Renewable Resources.



A USGBC® recognized third party certification program for LEED v4.1 EQ Credit Low-Emitting Materials.

This product category complies with the concentration limits specified in California DPH Section 01350 Version 1.2.