

LSI 300

Extra Heavy Commercial/Hospitality Traffic



Spec Sheet

PRODUCT SPECIFICATIONS

Manufacturer	LSI Flooring – LSI Padding
Product Name	LSI 300
Product Code	LSI300-PAD-0645
Application	Extra Heavy Commercial/Hospitality Carpet Cushion
Installation Method	Double Glue or Stretch-In
Material	100% High Density Frothed Polyurethane Foam Bonded to Woven Polypropylene Substrate.
Roll Size	6' x 45' – 30 sq. yards
Density	12 lbs. / ft ³
Thickness	¼" (0.250")
Roll Weight	88 lbs.
Water Resistance	British Spill Test PASS
Sound Rating	75 IIC (ASTM E492)
Thermal Resistance	R-Value 0.87 Excellent for radiant heated floors
Radiant Panel Test	Exceeds Class 1 (ASTM E648) As specified in NFPA life safety code 101
Pill Test	Pass (FF 1-70)
Smoke Density	98
Resiliency	Indentation Load Deflection (25%) 14 lbs. Indentation Load Deflection (65%) 78 lbs.
Antimicrobial	Antimicrobial protection prevents mold, mildew and bacterial growth for a life-long odor free installation. Hypoallergenic.
Indoor Air Quality	Third party tested and certified as a low VOC interior building material. UL GREENGUARD Gold & CRI Green Label +PLUS certified® for your assurance of the very best indoor air quality.
LEED Credit EQ 4.3	Low-emitting Materials – Flooring Systems
LEED Credit MR 5.1	10% Extracted, Processed & Manufactured Regionally
LEED Credit MR 5.2	20% Extracted, Processed & Manufactured Regionally
NOTE: Specification values subject to a 10% manufacturing tolerance.	

PRODUCT OVERVIEW

LSI 300 is a commercial/hospitality grade polyurethane carpet cushion engineered for environments with continuous rolling loads and heavy foot traffic. Its high-density construction provides exceptional resilience and long-term support while helping maintain carpet appearance and performance over time.

Designed for demanding commercial/hospitality applications such as guest rooms, corridors, offices, public and restaurant areas, LSI 300 delivers durable performance while improving comfort underfoot.

WARRANTY

LSI 300 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 300 is warranted for two complete carpet installations.

ECO-RESPONSIBLE

Formaldehyde, PVC, Phthalate, Lead and Heavy Metal Free, Non-toxic, Low VOC. GREENGUARD Gold certified and CRI Green Label Plus Certified for indoor air quality. LEED building credits, 100% recyclable.

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