

Grand Plush™

Residential or Commercial* Installations

PRODUCT SPECIFICATIONS

Manufacturer	LSI Flooring - UnSquashable™ Padding
Product Name	Grand Plush™
Product Code	LSIGP-PAD-0645
Application	Residential or Commercial Installations*
Installation Method	Conventional or Double Glue Down Installation*
Material	100% High Density Frothed Polyurethane Memory Foam Bonded to BondTech™ Fabric
Roll Size	6' x 45' – 30 Sq. Yards
Density	10 lbs./ft ³
Thickness	1/2" (0.50")
Roll Weight	98 lbs.
Water Resistance	British Spill Test PASS
Sound Rating	87 IIC (ASTM E492-90)
Thermal Resistance	R-Value 1.50 (ASTM C518-10) Excellent for radiant heated floors
Pill Test	Pass (FF 1-70)
Smoke Density	<100 max
Resiliency	Indentation Load Deflection (25%) 5.50 lbs./ft ² Indentation Load Deflection (65%) 26.00 lbs./ft ²
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 certified® for your assurance of the very best indoor air quality.

NOTE: Specification Values subject to standard manufacturing tolerances. Thickness tolerance shall be ±0.06 inches (±1.5 mm).

Spec Sheet

Grand Plush™ is LSI's thickest carpet cushion, featuring a plush ½" profile designed for luxurious comfort underfoot.

It's high-density polyurethane foam construction absorbs impact and provides responsive support while helping maintain carpet appearance and performance over time.

It is recommended for places of worship, meditation spaces, hospitality lounge areas, and specialty open-area installations.

***See the Grand Plush™ Installation Guide for commercial applications.**

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.

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

WARRANTY

LSI Grand Plush™ Carpet Cushion is warranted for lifetime to the original purchaser.



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.