

Subfloor Leveler System

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Leveler Strip and Leveler Strip Extensions U. S. Patent # 6,385,923 - A.D.A. Compliant.

1.2 Manufacturer:

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1.3 Proprietary Product Description

1.4 **Construction:** Johnsonite Resilient Leveler Strips are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants. The Leveler Strip complies with A.D.A. requirements of Section 4.5.2 Change of Level and exceeds the slope to rise ratio for Ramps in Section 4.8. The formulation exceeds ASTM E 648 Class 1 Flammability requirements. The Leveler System components shall conform to all respects to United States Patent #6,385,923 and any other patents pending.

Johnsonite Leveler Strips are designed for interior applications only.

1.4.1 Styles

LS-40: 1/4" (6.35 mm) to substrate butt-to reducer tapering across a 12" (30.48 cm) width

LS-40-B: 3/8" (9.53 mm) to 1/4" (6.35 mm) butt-to reducer tapering across a 6" (15.24 cm) width, extends LS-40 from 1/4" (6.35 mm) to 3/8" (9.53 mm) thickness, increases taper from 12" (30.48 cm) to 18" (45.72 cm)

LS-40-C: 1/2" (12.7 mm) to 3/8" (9.53 mm) butt-to reducer tapering across a 6" (15.24 cm) width. Note: Extends LS-40 with LS-40-B extension from 3/8" (9.53 mm) to 1/2" (12.7 mm) thickness. Increases taper from 18" (45.72 cm) to 24" (60.96 cm).

LS-40-D: 3/8" (9.53 mm) to substrate butt-to reducer tapering across a 12" (30.48 cm) width

LS-40-E: 1/2" (12.7 mm) to substrate butt-to reducer tapering across a 12" (30.48 cm) width

LS-40-F: 1/8" (3.175 mm) to substrate butt-to reducer tapering across a 12" (30.48 cm) width

LS-40-G: 3/4" (19.05 mm) to substrate butt-to reducer tapering across a 12" (30.48 cm) width

LS-40-K: 1/4" (6.35 mm) to substrate butt-to reducer with 1-3/4"

(4.4 cm) flat mounting surface for tack strip installation, 12" (30.48 cm) width, tapered across 10-1/4" (26 cm)

1.4.2 Physical Characteristics

Length: 4 ft. (1.22 m)

Packaging:

LS-40 10 / carton, 40 ft (12.2 m) - 55 lbs (25 kg)/ctn

LS-40 - B 8 / carton, 32 ft (9.75 m) - 46 lbs. (21 kg)/ctn

LS-40 - C 6 / carton, 24 ft (7.32 m) - 45 lbs. (20 kg)/ctn

LS-40 - D 5 / carton, 20 ft. (6.10 m) - 42 lbs. (19 kg)/ctn

LS-40 - E 5 / carton, 20 ft. (6.10 m) - 59 lbs. (27 kg)/ctn

LS-40 - F 20 / carton, 80 ft. (24.4 m) - 40 lbs. (18 kg)/ctn

LS-40 - G 4 / carton, 16 ft (4.88 m) - 54 lbs. (25 kg)/ctn

LS-40 - K 10 / carton, 40 ft (12.2 m) - 46 lbs. (21 kg)/ctn

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 Hardness - ASTM D 2240 - Not less than 85 Shore A

2.2 Abrasion Resistance - ASTM D 3389 - 0.22 mg/cycle

2.3 Slip Resistance - ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces.

2.4 Static Load Limit - ASTM F 970 - 0.0% (.000") @ 125# (24 hrs) 0.0% (.000") @ 250# (24 hrs)

2.5 Fire Resistance:

2.5.1 ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

3. INSTALLATION

3.1 The installation of Johnsonite Leveler Strip Mouldings should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive leveler strips shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 70°F for 24 hours before, during, and after the installation is completed. The leveler strips and adhesives shall be conditioned in the same manner. The floor surface shall be smooth, flat to within 1/8" in 10 ft., permanently dry, clean and free of all foreign material, such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. Do not install on exterior surfaces subject to weather. The leveler strips shall be securely adhered to the floor utilizing Johnsonite's recommended adhesive. Leveler Strips shall be rolled, with a 100 pound 3-section roller, after installation, to ensure proper bonding to substrate.

Important: A cementitious patching compound shall be used to level irregularities between Leveler Strip sections and where the Leveler Strip intersects to the floor.

Caution: Do not use carpet, multipurpose or thin spread type adhesives to install the leveler strips or finish flooring material to its surface.

3.2 Adhesives:

3.2.1 Johnsonite #965 Flooring & Tread Adhesive (water-resistant)

Porous Substrates: 1/16" square-notched trowel (Approximately 125 sq ft /gal)

Non-Porous Substrates: 1/16" V-notched trowel (Approximately 145 sq ft /gal)

Important: This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

Installation Manual: Refer to Johnsonite Leveler Strip Installation Instructions for complete installation details.

4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

5.1 Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. **MAINTENANCE:** Not applicable for this product

7. TECHNICAL SERVICES

7.1 Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at 1-800-899-8916.