Johnsonite®
A Tarkett Company

Section 09.65.13.23

RESILIENT STAIR RISER AND STRINGER

THIS DOCUMENT IS INTENDED AS A SUGGESTED GUIDE FOR CREATING, MODIFYING, OR EDITING YOUR CSI FORMATTED 3-PART ARCHITECTURAL GUIDE SPECIFICATIONS.

JOHNSONITE WILL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY INFORMATION OR SPECIFICATIONS FOUND IN THIS DOCUMENT.

ENSURE THAT YOU HAVE THE LATEST PUBLICATION FOR THIS SPECIFICATION.

THE SPECIFIER OR DESIGNER IS RESPONSIBLE FOR PRODUCT SELECTION AND ACCURACY OF ALL PROJECT SPECIFICATIONS, INCLUDING ANY JOHNSONITE INFORMATION OR SPECIFICATIONS USED.

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:
   1. Resilient Stair Stringer and Riser.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. LEED Submittals:

   1. Product Data for Credit EQ 4.1: For adhesives, including printed statement of VOC content and chemical components.

C. Samples for Initial Selection: For each type of product indicated.

D. Samples for Verification: For each type of product indicated, in manufacturer's standard-size samples of each resilient product color, texture, and pattern required.

E. Product Schedule: For resilient products. Use same designations indicated on Drawings.

1.4 QUALITY ASSURANCE

A. Mockups: Provide resilient products with mockups specified in other Sections.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by Johnsonite, but not less than 55 deg F (13 deg C) or more than 85 deg F (29 deg C).

1.6 PROJECT CONDITIONS

A. Install resilient products after other finishing operations, including painting, have been completed.

B. Maintain ambient temperatures within range recommended by Johnsonite, but not less than 65 deg F (18 deg C) or more than 85 deg F (29 deg C) in spaces to receive resilient products during the following time periods:
   1. 48 hours before installation.
   2. During installation.
   3. 48 hours after installation.

C. Maintain the ambient relative humidity between 40% and 60% during installation.

D. Until Substantial Completion, maintain ambient temperatures within range recommended by Johnsonite, but not less than 55 deg F (13 deg C) or more than 85 deg F (29 deg C).

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PART 2 - PRODUCTS

1.1 RESILIENT STAIR RISER AND STRINGER

Manufacturer:

Johnsonite, Inc.	Phone	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: www.tarkettna.com	Samples:	Ext 9299
E-mail: info@johnsonite.com	Fax:	(440) 543-8920

ENVIRONMENTAL SUSTAINABILITY NOTES:

Johnsonite Resilient Stair Riser and Stringer

- Johnsonite offers a RESTART reclamation program for returning unused jobsite scrap
- Vinyl Stair Riser and Stringer contain 14% pre-consumer recycled content
- 100% Recyclable
- SCS FloorScore® Certified and meets California Specifications Section 01350
- Johnsonite facilities are ISO 9001 and ISO 14001 Certified
- For all environmental sustainability information visit ecoScorecard on Johnsonite home page at www.tarkettna.com

A. Resilient Vinyl Stair Riser and Stringer:
JOHNSONITE VINYL STAIR RISER AND STRINGER specify – Vinyl Stair Riser or Stringer with the following physical characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
b. Complies with requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TV, Group 1.
c. Flexibility: Does not crack, break, or show any signs of fatigue when bent around a 1 1/4" diameter cylinder when tested according to ASTM F 137 Standard Test Method for Flexibility of Resilient Flooring Materials protocols.
d. Color Stability: Meets or exceeds ASTM F 1861 requirements for color stability when tested to ASTM F 1515 Standard Test Method for Measuring Light Stability of Resilient Flooring protocols.
e. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials; Class A, Smoke less than 450.
f. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
g. ASTM E 662, Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials: Less than 450

h. Thickness: .080"
i. Phthalate-free
j. Possible LEED contributions include MR:2, MR:4, MR:5, and EQ: 4.3.
k. Johnsonite offers a RESTART reclamation program for returning jobsite scrap.
l. Contains at least 14% pre-consumer recycled content.
m. 100% Recyclable.
n. SCS FloorScore® Certified and meets California Specifications Section 01350
o. Johnsonite facilities are ISO 9001 and ISO 14001 Certified.

1. Vinyl Stair Riser:
   - For Vinyl Stair Riser .080" thick, 6" or 7" height and 4' or 50' or 120' length
     - Specify (VR –
     - Specify color by number and name ____ –
     - Specify height [6"] and length [4' or 120'] ____ x ____ -or-
       height [7"] and length [4' or 50'] ____ x ____)
2. Vinyl Stair Stringer:
   - For Vinyl Stair Stringer .080" thick, 10" height and 50' long
     - Specify (VS – specify color by number and name ____)

B. Resilient Rubber Stair Riser and Stringer:
JOHNSONITE RUBBER STAIR RISER AND STRINGER specify – Rubber Stair Riser or Stringer with the following physical characteristics:

a. Manufactured from a proprietary thermoplastic rubber formulation.
b. Complies with requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TP [Marbleized color is Type TS], Group 1.
c. Flexibility: Does not crack, break, or show any signs of fatigue when bent around a 1 1/4" diameter cylinder when tested according to ASTM F 137 Standard Test Method for Flexibility of Resilient Flooring Materials protocols.
d. Color Stability: Meets or exceeds ASTM F 1861 requirements for color stability when tested to ASTM F 1515 Standard Test Method for Measuring Light Stability of Resilient Flooring protocols.
e. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials; Class A, Smoke less than 450.
f. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
g. ASTM E 662, Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials: Less than 450
h. Thickness: .080"
i. Phthalate-free
j. Possible LEED contributions include MR:2, MR:4, MR:5, and EQ: 4.3.
k. Johnsonite offers a RESTART reclamation program for returning jobsite scrap.
l. Contains at least 14% pre consumer recycled content.
m. 100% Recyclable.
n. SCS FloorScore® Certified and meets California Specifications Section 01350
o. Johnsonite facilities are ISO 9001 and ISO 14001 Certified.

2. Rubber Stair Riser:
   - For Rubber Stair Riser 1/8" thick, 6" or 7" height and 4' or 5' or 6' or 50' or 100' length, solid color or marbleized color
     - Specify (RR –
     - Specify color by number and name ____ [follow color number with 'M' if using a marbleized color] –
     - Specify height [6"] and length [4' or 100'{100' not available for Marbleized color}] ____ x ____ -or- height [7"] and length [4' or 5' or 6' or 50'{50' not available for Marbleized color}] ____ x ____)
3. Rubber Stair Stringer:
   - For Rubber Stair Stringer .080" or 1/8" thick, 10" height and 6' long solid color or Marbleized color
     - Specify (RS –
     - Specify color by number and name ____ [follow color number with 'M' if using a marbleized color] –
     - Specify .080" thickness for solid color – or – 1/8" for marbleized color] ____)

PART 3 - EXECUTION

2.2 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, Portland cement based formulation manufactured and warranted by a reputable manufacturer.

B. Adhesives: as recommended by Johnsonite to meet site conditions.
   1. Johnsonite 960 Cove Base Adhesive
   2. Johnsonite 946 Premium Contact Bond Adhesive

PART 4 - EXECUTION

4.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the work.

B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

4.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
   1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.

2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
3. Mechanically remove contamination on the substrate that may cause damage to the resilient flooring material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the flooring material or used to mark the substrate as they could bleed through and stain the flooring material.

    a. Single wood and tongue and groove substrate should be covered with 1/4" (6.4 mm) or 1/2" (12.7 mm) APA approved underlayment plywood.
        1) Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less.
        2) Use 1/2" (12.7 mm) thick underlayment panels for boards with a face width wider than 3" (76 mm).
    b. Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.

B. Fill cracks, holes, depressions and irregularities in the substrate with good quality Portland cement based underlayment leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

C. Floor covering shall not be installed over expansion joints.

D. Do not install resilient products until they are same temperature as the space where they are to be installed.
    1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

4.3 RESILIENT STAIR RISER AND STRINGER

A. Comply with manufacturer's written instructions for installing resilient stair riser and stringer.

4.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protection of resilient products.

B. Perform the following operations immediately after completing resilient product installation:
    1. Remove adhesive and other blemishes from exposed surfaces.
    2. Damp-mop surfaces to remove marks and soil.

C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

END OF SECTION 09.65.13.23