Johnsonite®
A Tarkett Company

Section 09.65.13.33

RESILIENT ACCESSORIES

INCLUDING COVE CAP, CHAIR RAIL, CORNER GUARD, TUB MOULDING, COVE FILLER STRIP AND SUBFLOOR LEVELER SYSTEM

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 flooring accessories.

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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RESILIENT ACCESSORIES

PART 2 - PRODUCTS

2.1 RESILIENT MOULDING ACCESSORIES

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 Accessories

- Johnsonite offers a RESTART reclamation program for returning jobsite scrap
- 100% Recyclable
- Phthalate-free
- Contains at least 14% pre-consumer recycled materials
- SCS FloorScore® Certified and meets California Specifications Section 01350
- Johnsonite facilities are ISO 9001 and ISO 14001 Certified
- Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3
- For all environmental sustainability information visit ecoScorecard on Johnsonite home page at www.tarkettna.com

A. Cove Cap [cap for cove resilient floor covering]

JOHNSONITE COVE CAPS specify – Resilient cove cap with the following physical characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
b. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
c. Cove Caps are to be 12 foot lengths per piece.
d. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
e. 100% Recyclable
f. Phthalate-free
g. Contains at least 14% pre-consumer recycled materials
h. SCS FloorScore® Certified and meets California Specifications Section 01350
i. Johnsonite facilities are ISO 9001 and ISO 14001 Certified

j. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- Cove Cap, for 1/8" thick material, round top specify (SCC____ [specify color by number and name]-A)
- Cove Cap, for 1/8" thick material, square top specify (SCC____ [specify color by number and name]-B)
- Cove Cap, for 1/4" or 5/16" thick material, rounded top specify (CCC____ [specify color by number and name]-A)
- Cove Cap, for 9/32 thick material, "L" shaped top specify (CCC ____ [specify color by number and name]-B)
- Cove Cap, for 1/4" materials, square top specify (CCC ____ [specify color by number and name]-C)
- Cove Cap, for 3/16" thick material, round top specify (CCC ____ [specify color by number and name]-D)
- Cove Cap for 1/4" or 5/16" thick material "L" shape top specify (RCC____ [specify color by number and name])
- Cove Cap Self Stick, for .080" thick material, rounded top, specify (SCC____ [specify color by number and name]-D)

B. Chair Rail

JOHNSONITE MILLWORK RESILIENT CHAIR RAIL – Wood look resilient wall base with the following characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
b. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
c. Abrasion Resistance: ASTM D 3389 – 0.22 mg/cycle.
d. Millwork Chair Rails are to be 8 foot lengths per piece.
e. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
f. 100% Recyclable
g. Phthalate-free
h. SCS FloorScore® Certified and meets California Specifications Section 01350
i. Johnsonite facilities are ISO 9001 and ISO 14001 Certified
j. Contains at least 14% pre-consumer recycled materials
k. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- For Fortis, thickness 3/16" (.1875") (4.76mm), width 3" (7.62cm) specify (CHR____ [specify color by number and name])
- For Bastion, thickness 5/16"(.3125") (7.94mm), width 4" (10.16cm) specify (CHR____ [specify color by number and name]-B)
- For Rampart, thickness 3/8" (.375") (9.53mm), width 4" (10.16cm) specify (CHR ____ [specify color by number and name]-C)

C. Flexible Corner Guard

JOHNSONITE FLEXIBLE CORNER GUARD – with the following characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
b. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
c. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class B, Smoke less than 450.
d. Abrasion Resistance: ASTM D 3389 – 0.22 mg/cycle.
e. Flexible Corner Guards are to be either 4 foot lengths or 8 foot lengths per piece, except, VGB-C (1-1/4 " x 1-1/4" return) is available in 8 foot lengths only.
f. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
g. 100% Recyclable
h. Phthalate-free
i. SCS FloorScore® Certified and meets California Specifications Section 01350
j. Johnsonite facilities are ISO 9001 and ISO 14001 Certified
k. Contains at least 14% pre-consumer recycled materials
l. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- For Corner Wall Guard 3/4" x 3/4" return, Thickness 1/8" (3.18mm) specify (VBG ____ [specify color by number and name]-B ____ [specify length] 4' or 9' length)
- For Corner Wall Guard 1-1/2" x 1-1/2" return, Thickness 1/8" (3.18mm) specify (VBG ____ [specify color by number and name]-A [specify length] 4' or 8' length)
- For Corner Wall Guard 2-3/8" x 2-3/8" return, Thickness 1/8 " (3.18mm) specify (VBG ____ [specify color by number and name] ____ [specify length] 4' or 8' length)
- For Corner Wall Guard 1-1/4 " x 1-1/4" return, Thickness 1/8 " (3.18mm) specify (VBG ____ [specify color by number and name]-C ____ [specify length] 8' length)

D. Tub Mouldings

JOHNSONITE TUB MOULDINGS – with the following characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC) for Bathtub, Counter, and Shelves with a luster finish.
b. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
c. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class B, Smoke less than 450.
d. Abrasion Resistance: ASTM D 3389 – 0.22 mg/cycle.
e. Tub Mouldings are to be 5 foot lengths per piece.
f. Tub Mouldings are to be white and with self-stick tape for installation.
g. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
h. 100% Recyclable
i. Phthalate free
j. Contains at least 14% pre-consumer recycled materials
k. SCS FloorScore® Certified and meets California Specifications Section 01350
l. Johnsonite facilities are ISO 9001 and ISO 14001 Certified
m. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- For Tub Moulding for Bathtub, Counter and Shelves, height 1-1/2" specify (TM-50)
- For Tub Moulding for Bathtub, Counter and Shelves, height 1" specify (TM-50-A).

E. Cove Filler Strip

JOHNSONITE COVE FILLER STRIPS – with the following characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC) for coved sheet goods and tread/riser combinations.
b. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
c. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class B, Smoke less than 450.
d. Abrasion Resistance: ASTM D 3389 – 0.22 mg/cycle.
e. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
f. 100% Recyclable
g. Phthalate-free
h. SCS FloorScore® Certified and meets California Specifications Section 01350
i. Johnsonite facilities are ISO 9001 and ISO 14001 Certified
j. Contains at least 14% pre-consumer recycled materials
k. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- For Cove Filler Strip, 1-3/4 " radius filler strip, specify (CFS-00) 12' lengths
- For Cove Filler Strip, 1-1/4 " radius filler strip, specify (CFS-00-A) 12' lengths
- For Cove Filler Strip, 1/2" radius filler strip for, specify (CFS-00-M) 5' lengths

F. Subfloor Levelers

JOHNSONITE SUBFLOOR LEVELER SYSTEM – with the following characteristics:

a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
b. Complies with A.D.A. requirements for Change of Level and meets the requirements for slope to rise ratio for Ramps.
c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
d. Subfloor Levelers are to be 4 foot lengths per piece.
e. Johnsonite offers a RESTART reclamation program for returning jobsite scrap
f. Contains 14% pre consumer recycled content
g. 100% Recyclable
h. Phthalate-free
i. SCS FloorScore® Certified and meets California Specifications Section 01350
j. Johnsonite facilities are ISO 9001 and ISO 14001 Certified
k. Possible LEED contributions for Resilient Accessories include MR:2, MR:4, MR:5 and EQ: 4.3

- For Floor Level System taper 0"- 1/4" specify (LS-40)
- For Floor Level System taper 1/4"-3/8" specify (LS-40-B)
- For Floor Level System taper 3/8"-1/2" specify (LS-40-C)
- For Floor Level System taper 0"-3/8" specify (LS-40-D)

- For Floor Level System taper 0"-1/2" specify (LS-40-E)
- For Floor Level System taper 0"-1/8" specify (LS-40-F)
- For Floor Level System taper 0"- 3/4" specify (LS-40-G)
- For Floor Level System taper 0"-1/4" with Track-Strip Platform specify (LS-40-K)

2.2 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, Portland cement based or blended hydraulic-cement-based formulation.

B. Adhesives: Water-resistant type recommended by Johnsonite to suit resilient products and substrate conditions.
   1. Johnsonite 965 Flooring and Tread Adhesive (use with Subfloor Levelers)
   2. Johnsonite 946 Premium Contact Bond Adhesive (use with cove caps, chair rails, corner guards, and cove filler strips)
   3. Johnsonite 975 Two-Part Urethane Adhesive (use with Subfloor Leveler)
   4. Johnsonite 996 Two-Part Epoxy (use with Subfloor Leveler)

PART 3 - EXECUTION

3.1 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.

3.2 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.
   4. Prepare Substrates according to ASTM F 710 including the following:

a. Moisture Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
   1) Perform anhydrous calcium chloride test, ASTM F 1869. Results must not exceed 5 lbs. Moisture Vapor Emission Rate per 1,000 sq. ft. in 24 hours.

   – or –

   2) Perform relative humidity test using in situ probes, ASTM F 2170. Must not exceed 80%.
b. A pH test for alkalinity must be conducted. Results should range between 7 and 9. If the test results are not within the acceptable range of 7 to 9, the installation must not proceed until the problem has been corrected.
c. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer.

5. Wood subfloors:
   a. The floor must be rigid, free of movement.
   b. Single wood and tongue and groove subfloors should be covered with ¼" (6.4 mm) or ½" (12.7 mm) APA approved underlayment plywood.
      1) Use ¼" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less.
      2) Use ½" (12.7 mm) thick underlayment panels for boards with a face width wider than 3" (76 mm).
   c. 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.

3.3 RESILIENT ACCESSORY INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient accessories.

B. Install with Johnsonite adhesive specified for the site conditions and follow adhesive label for proper use.

3.4 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. Sweep and vacuum surfaces thoroughly.
   3. 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.
   1. No traffic for 24 hours after installation.
   2. No heavy traffic, rolling loads, or furniture placement for 72 hours after installation.

D. Wait 72 hours after installation before performing initial cleaning.

E. A regular maintenance program must be started after the initial cleaning.

END OF SECTION 09.65.13.33