Johnsonite
A Tarkett Company
THE ULTIMATE FLOORING EXPERIENCE

Section 09.65.13.13

RESILIENT WALL BASE

TRADITIONAL RUBBER AND VINYL WALL BASE, PERCEPTIONS WALL BASE, INCLUDES TIGHTLOCK® CARPET AND RESILIENT WALL BASE, SANITARY BUTT-TO WALL BASE, AND VENT COVE WALL BASE

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 Wall Base.

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

2.1 RESILIENT WALL BASE

Manufacturer:

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

ENVIRONMENTAL SUSTAINABILITY NOTES:

Traditional Rubber and Vinyl Wall Base, Perceptions Wall Base, Johnsonite TightLock® Carpet and Resilient Wall Base, Sanitary Butt–to Wall Base, and Vent Cove Wall Base.

- Johnsonite offers a RESTART reclamation program for returning unused jobsite scrap
- Contains pre consumer recycle 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.johnsonite.com

A. TRADITIONAL WALL BASE

JOHNSONITE TRADITIONAL WALL BASE specify – Traditional Wall Base with the following physical characteristics:

1. Traditional Rubber Wall Base
   a. Manufactured from a proprietary thermoplastic rubber formulation.
   b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TP, Group 1.
   c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
   d. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class A, Smoke <450.
   e. 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.
   f. 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.

- For Traditional Rubber Wall Base 1/8" thick
  - Specify (DCT [for Toeless {Straight}{Toeless not available in 8" or 10" heights}] or DC [for Toe] ____
  - Specify color [by number and name] – ____
  - Specify height [2 1/2" or 4" or 4 1/2" or 6" or 8" or 10"] – ____
  - Specify length [{120' coils for 2 1/2" or 4" or 4 1/2" height} or {100' coils for 6" heights} or {50' coils for 8" or 10" height} or {4' lengths for all heights except 8" or 10"}] – ____)
- For Traditional Rubber Wall Base Preformed Corners 1/8" thick with 4" returns (Preformed Corners not available in 8" or 10" heights)
  - Specify (DCT [for Toeless {Straight}] or DC [for Toe] ____
  - Specify color [by number and name] – ____
  - Specify height [2 1/2" or 4" or 4 1/2" or 6"] – ____
  - Specify [LOC for outside corners] or [LIC for inside corners] – ____)

2. Traditional Vinyl Wall Base
   a. Manufactured from a homogeneous composition of polyvinyl chloride (PVC).
   b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TV, Group 1.
   c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
   d. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class B, Smoke <450.
   e. 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.
   f. 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.

- For Traditional Vinyl Wall Base 1/8" or .080" thick
  - Specify (CBT [for Toeless {Straight}] or CB [for Toe] ____
  - Specify color [by number and name] – ____
  - Specify height [2 1/2" or 4" or 6"] – ____
  - Specify length [{4' lengths for all heights} or {120' coils for all .080" thick wall base} or {120' coils for 2 1/2" or 4" height 1/8" thick wall base} or {100' coils for 6" height 1/8" thick wall base}] – ____
  - Specify thickness [1/8" or .080"] – ____)
- For Traditional Vinyl Wall Base Preformed Corners 1/8" or .080" thick with 4" returns
  - Specify (CBT [for Toeless {Straight}] or CB [for Toe] ____
  - Specify color [by number and name] – ____
  - Specify height [2 1/2" or 4" or 6"] – ____
  - Specify [LOC for outside corners] or [LIC for inside corners] – ____
  - Specify thickness [1/8" or .080"] – ____)

B. PERCEPTIONS™ RUBBER WALL BASE

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JOHNSONITE PERCEPTIONS™ RUBBER WALL BASE Specify – Perceptions Rubber Wall Base with the following physical characteristics:

a. Manufactured from a proprietary thermoplastic rubber formulation.
b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TP, Group 1.
c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
d. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class A, Smoke <450.
e. 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.
f. 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.

- For Recess™ profile with Toe – 1/8" thick by 4 1/4" height wall base specify (RWDC – specify color [by number and name] ____ specify 4 1/4" height – specify 120' coils)
- For Recess profile without Toe – 1/8" thick by 4 1/4" height wall base specify (RWDCT – specify color [by number and name] ____ specify 4 1/4" height – specify 120' coils)
- For Spire™ profile with Toe – 1/8" thick by 4 1/4" height wall base specify (RWDC – specify color [by number and name] ____ A – specify 4 1/4" height – specify 120' coils)
- For Quad™ profile with Toe – 1/8" thick by 4 1/4" height wall base specify (RWDC – specify color [by number and name] ____ C – specify 4 1/4" height – specify 120' coils)

For Perceptions Rubber Wall Base Preformed Corners 1/8" thick with 4" returns specify:

- For Preformed corners for Recess profile with Toe – 1/8" thick by 4 1/4" wall base specify (RWDC – specify color [by number and name] ____ specify 4 1/4" height – specify [LOC for outside corners] or [LIC for inside corners] – ____)
- For Preformed corners for Recess profile without Toe – 1/8" thick by 4 1/4" wall base specify (RWDCT – specify color [by number and name] ____ specify 4 1/4" height – specify [LOC for outside corners] or [LIC for inside corners] – ____)
- For Preformed corners for Spire profile with Toe – 1/8" thick by 4 1/4" wall base specify (RWDC – specify color [by number and name] ____ A – specify 4 1/4" height – specify [LOC for outside corners] or [LIC for inside corners] – ____)
- For Preformed corners for Quad profile with Toe – 1/8" thick by 4 1/4" wall base specify (RWDC – specify color [by number and name] ____ C – specify 4 1/4" height – specify [LOC for outside corners] or [LIC for inside corners] – ____)

C. TIGHTLOCK® CARPET AND RESILIENT WALL BASE

JOHNSONITE TIGHTLOCK® CARPET AND RESILIENT WALL BASE Specify – TightLock Carpet or Resilient, Vinyl or Rubber Wall Base with the following physical characteristics:

a. United States Patent #5,212,923; Canadian Patent #D Solutions 4 and other patents pending.
b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TP (thermoplastic rubber) or Type TV (thermoplastic vinyl), Group 1.
c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
d. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class A, Smoke <450.
e. 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.
f. 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.
g. Wedge shaped profile.

- For TightLock Carpet, Vinyl or Rubber Wall Base
  - Specify (TCB [for Vinyl] or TDC [for Rubber] ____
  - Specify color [by number and name] – ____
  - Specify height [3 1/4" or 4 1/2" or 6 1/2"] – ____
  - Specify length [{4' lengths} or {75' coils}] – ____)
- For TightLock Resilient, Vinyl or Rubber Wall Base
  - Specify (TCBR [for Vinyl] or TDCR [for Rubber] ____
  - Specify color [by number and name] – ____
  - Specify height [3 1/8" or 4 3/8" or 6 3/8"] – ____
  - Specify length [{4' lengths} or {75' coils}] – ____)

For TightLock Carpet or Resilient, Vinyl or Rubber Wall Base Preformed Outside Corners with 4" returns specify:

- For TightLock Carpet, Vinyl or Rubber Wall Base Preformed corners
  - Specify (TCB [for Vinyl] or TDOC [for Rubber] ____
  - Specify color [by number and name] – ____
  - Specify height [3 1/4" or 4 1/2" or 6 1/2"] – ____
  - for vinyl specify OC)
- For TightLock Resilient, Vinyl or Rubber Wall Base Preformed outside corners
  - Specify (TCBR [for Vinyl] or TDOCR [for Rubber] ____
  - Specify color [by number and name] – ____
  - Specify height [3 1/8" or 4 3/8" or 6 3/8"] – ____
  - For vinyl only specify OC)

D. SANITARY BUTT-TO WALL BASE

JOHNSONITE SANITARY BUTT-TO WALL BASE Specify – Sanitary Butt-To Wall Base with the following physical characteristics:

a. Manufactured from a proprietary thermoplastic rubber formulation.
b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TP Group 1.
c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
d. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials, Class B, Smoke <450.
e. 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.
f. 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.

- For Sanitary Butt-To – .110" gauge 4" high with 2" long toe wall base specify (SB ____ specify color [by number and name] – specify 100' coils)

E. VENT COVE WALL BASE

JOHNSONITE VENT COVE WALL BASE Specify – Vent Cove Wall Base with the following physical characteristics:

a. Manufactured from a homogeneous composition of 100% synthetic rubber.
b. Meets performance requirements for ASTM F 1861 Standard Specification for Resilient Wall Base, Type TS Group 1.
c. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts/cm^2 or greater, Class I.
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.

- For Vent Cove Base – 4" high 5/16" thick with 3" long toe 3/8" thick wall base specify (Vent Cove Base – ____ specify color by number and name [M-900 for color Black] or [M-901 for color Brown] – specify 4" height – specify 4' lengths)

- For Vent Cove Base manufactured outside corners – 4" high 5/16" thick with 3" long toe 3/8" thick wall base specify (Vent Cove Corners – ____ specify color by number and name [CO-900 for color Black] or [CO-901 for color Brown]

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 #945 Contact Bond Adhesive

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 Johnsonite's written instructions to ensure adhesion of resilient wall base.

B. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

C. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

D. Vacuum clean substrates to be covered by resilient products immediately before installation.

3.3 RESILIENT BASE INSTALLATION

A. Comply with Johnsonite's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

C. Install resilient base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

E. Do not stretch resilient base during installation.

F. Preformed corners: Install preformed corners if available before installing straight pieces.

G. Job-formed corners:
   1. Outside corners: Form by bending without producing discoloration (whitening) at bends.
   2. Inside corners: Butt one piece to corner then scribe next piece to fit.

3.4 CLEANING AND PROTECTION

A. Comply with Johnsonite'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.

D. Cover resilient products until Substantial Completion.

END OF SECTION 09.65.13.13