



**City of Lowell, Michigan**

**Advertisement for Bids**

Sealed bids for the **Lowell City Hall and Lowell Light and Power Carpet Replacement Project** will be received by the City Clerk at Lowell City Hall, 301 E. Main Street, Lowell, Michigan until **4:00 p.m. on Thursday, March 29, 2018**, and then publicly opened and read aloud at Lowell City Hall.

Bid and Contract Documents may be obtained at [www.ci.lowell.mi.us](http://www.ci.lowell.mi.us). The City reserves the right to waive any informality or to reject any or all bids.

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## Request for Proposal

City of Lowell, Michigan  
301 East Main Street  
Lowell, Michigan 49331

March 7, 2018

### Lowell City Hall & Lowell Light and Power Carpet Replacement Project

#### 1.0 Summary

- 1.1 Request For Proposal – Professional Service firms with proven experience and expertise in carpet / floor sales and installation are invited to submit proposals to provide professional services related to the replacement and installation of carpet / carpet tiles at the Lowell City Hall located at 301 E. Main Street, Lowell, Michigan and Lowell Light and Power located at 127 N. Broadway Street, Lowell, Michigan.

The Request for Proposal (RFP) does not constitute a contract for services performed or to be performed. Following the selection of the successful consultant (hereafter referred to as “Contractor”), the City of Lowell (hereafter referred to as “City”) and Lowell Light and Power (hereafter referred to as “LL&P”), will negotiate a contract including a full scope of services.

- 1.2 Services To Be Performed – City Hall - The Contractor’s services will consist of the removal of existing carpet and/or carpet tiles and the installation of new carpet tiles including the removal and replacement of existing vinyl wall base as necessary in the second floor of City Hall which includes the Grand River room, City Council Chamber and the hallway. The City reserves the right to revise the proposed scope of work. Carpet replacement is estimated to be 3,150 square feet and vinyl cove base is estimated to be 550 linear feet. Five percent back stock of carpet and base cove shall be delivered upon completion.

In addition, approximately 200 square feet of carpet tile installation only will be included in this scope of work in the Police Department adjacent to City Hall. The carpet tile has already been acquired and no existing carpet will need to be removed and no furniture will need to be removed to accommodate the installation.



- 1.3 Services To Be Performed – Lowell Light and Power – The Contractor’s services will consist of the removal of existing carpet and/or carpet tiles and the installation of new carpet tiles including the removal of existing vinyl wall base and replacement with carpet wall base as necessary in the first and second floors of LL&P, which includes six offices, an IT room, a Board / Conference room, and an office work area. LL&P reserves the right to revise the proposed scope of work. Carpet replacement is estimated to be 3,000 square feet and carpeted wall base is estimated to be 800 linear feet. Five percent back stock of carpet and carpet wall base shall be delivered upon completion.

## 2.0 Scope of Work

- 2.1 The Contractor shall provide all materials, labor, equipment and supervision required to accomplish the Scope of Work at Lowell City Hall and Lowell Light and Power. The Contractor shall remove existing carpet, cove base, transitions strips, and thresholds, and install new carpet tiles, wall base and transition strips, thresholds that are equal or greater than the existing commercial grade products in the designated areas. Total installed flooring square footage for this project is estimated at 6,150 square feet of carpet with an estimated quantity of 1,350 linear feet of installed wall base. Back stock material shall be ordered in the original order and delivered upon completion of the project and will not be included in the square footage installation cost.
- 2.2 The City and LL&P envision the following services to be performed for the Carpet Replacement Project:
- 2.2.1 Verify specified areas of carpet to be removed and replaced. Selected Contractor shall present replacement options to the City and LL&P for their respective areas per the specifications listed.
  - 2.2.2 Contractor shall coordinate the ordering, delivery, removal, installation and disposal of the material in a manner that is efficient and least disruptive to both facilities operations.
  - 2.2.3 Remove and properly dispose of the existing carpet, cove base and transition strips, and thresholds in the specified areas. Contractor shall utilize their own dumpster or haul the material off site and dispose of in a legal and proper manner.
  - 2.2.4 Prepare the specified areas as needed for installation of new carpet tiles.
    - Examine surfaces on which carpet tiles will be installed to ensure that the floor is clean and free of oil, waxy films, paint, dust and substances that prevent adhesion, leave floor dry and cured, free of residue from cleaning agents.



- Correct any conditions which will impair proper installation, including trowel marks, pits, dents, protrusions, cracks or joints. Fill cracks, joints, depressions and other irregularities in substrate with leveling compound. Do not use adhesives for filling or leveling purposes.
  - The Contractor shall clear away debris from substrate and vacuum clean. Apply necessary sealers to substrate in accordance to manufacturer's recommendation to prevent dusting. The contractor shall vacuum clean the substrate immediately before installation.
- 2.2.5 Deliver the purchased carpet tiles to a specified area in the facility, including back stock tiles, vinyl base (to City Hall), and carpet base (to LL&P) in the same color and dye lot.
- 2.2.6 Installation of carpet tiles and cove base:
- The Contractor shall be responsible for insuring that all furniture, workstations and miscellaneous items are moved and replaced to complete all work under this contract. Occupants / employees of the building will be responsible for moving computers and personal possessions.
  - Neither the City nor LL&P intend to provide personnel to assist with any phase of the project. A point of contact will be provided for each facility to assist with decision making, facility access and any questions that may arise throughout the project.
  - Carpet and wall base selections and installation pattern for each facility are listed in the Specifications.
  - Secure carpet squares to cleaned and prepped substrate of spaces with adhesive applied as recommended by the carpet square manufacturer and adhesive manufacturer.
  - Follow the carpet square manufacturer recommendations for matching pattern and texture directions.
  - Check and confirm new carpet square thickness at all wooden and metal doorways and doors for proper clearance and correct operation of door swing. Contractor shall adjust, modify or correct any door swing clearance issues created or related to the new carpet installation.
  - Provide and install new metal, vinyl, or rubber transition strips or thresholds to protect the exposed edges of the new carpet squares. Where appropriate all disturbed transition strips shall be replaced



under doors, entryways and all transition areas adjacent to contrasting flooring materials.

- Replace all existing cove base transition strips or thresholds in areas where the carpet squares are being placed. Color and pattern of cove or carpet base shall be selected by the facility project manager.
- Remove all waste, fasteners and other cuttings from carpet / tile floors, vacuum carpet.

2.2.7 Provide adhesives, tools and all other materials and equipment required to perform the work.

2.2.8 Provide experienced installers to perform the work. Work may be performed from the hours of 7:30 a.m. until 5:00 p.m. Monday thru Friday, excluding any observed holidays. Alternate work schedule requests shall be submitted in writing by the Contractor for approval by the respective project manager. The facilities will be occupied during the project. To enter the building for work or to conduct a site visit, the Contractor shall contact the respective project manager to gain access. Contractor and crew may be subject to background checks for security clearance prior to starting the project.

2.2.9 Cleanup work site upon completion of each stage of work.

2.2.10 Remove and replace furnishings as necessary.

### 2.3 City and LL&P Responsibilities

2.3.1 Determine the best order for the carpet removal and replacement based on scheduled activities. Contractor may have to accommodate meeting schedules of City Council or LL&P Board.

2.3.2 Move and/or disconnect any electrical or computer connections.

2.3.3 Remove personal possessions from the work area.

2.3.4 Cordon off work areas from the public, as necessary.

2.3.5 Project Team:

- The project manager for the City Hall facility is Rich LaBombard, Assistant City Manager, City of Lowell, 616-897-8457.
- The project manager for the Lowell Light and Power facility is Ryan Teachworth, Distribution / Transmission Manager, 616-490-5936.

### 2.4 Specifications

2.4.1 All carpet and related installation materials, as well as any treatment, adhesives, chemicals or other materials used in the removal, preparation and installation process must meet or exceed all federal, state and local regulation for materials used in public buildings.

2.4.2 All products shall be new and unused and shall be first class in all respects. Seconds or flawed materials will not be accepted.



- 2.4.3 Installation workmanship and carpet tiles, carpeting, adhesives and all other materials related to the installation shall be guaranteed for a minimum of one year. The Contractor will be the sole point of contact on any problems with the equipment or systems during the warranty period.
- 2.4.4 The Contractor shall be responsible for all work performed under this contract. The Contractor shall make good, repair and replace, at the Contractor's own expense, as may be necessary, any defective work, material acceptance, if in the opinion of the City or LL&P, said defect is due to imperfection in material, design, or workmanship for the warranty period specified.
- 2.4.5 Carpet tiles shall be equal or greater than the existing commercial grade carpet. Cove base and transition strips, or thresholds shall be equal or greater quality than existing vinyl cove base and transition strips or thresholds.
- 2.4.6 Schedule for Completion – Schedule and completion date shall be mutually agreed upon by the respective parties.
- 2.4.7 For the City Hall facility, Shaw Contract, Chenille Collection, Knit Tile pattern #59492, color style "Silver Sage" #91511, 28 oz, 24" x 24", installation method ashlar. A traditional 4" 1/8 toeless vinyl wall base manufactured by Johnsonite, Tarkett, #461 Wickerwork has been selected for the replacement of vinyl wall base at City Hall—if needed.
- 2.4.8 For the LL&P facility, Philadelphia Commercial, Walk the Line collection, Straight & Narrow #54727, color style "Goody Goody" #27505, 28 oz, 24" x 24", installation method quarter turn pattern. A coordinating solid color carpet wall base will be selected by LL&P project manager.

### 3.0 Deliverables

- 3.1 Warranty Documents – Contractor shall deliver all warranty material and documentation to the City upon completion of the project.
- 3.2 Back Stock – Contractor shall deliver five percent back stock of installation material such as carpet tiles and vinyl or carpet base to the respective facility.
- 3.3 Maintenance Plan - After completion of work, the contractor shall submit to the project manager the manufacturer's printed maintenance recommendations, including methods and frequency recommended for maintaining carpet and tile in optimum conditions



#### 4.0 Insurance

- 4.1 Insurance Requirements – Contractor shall provide certificate of insurance evidencing general commercial insurance coverage in an amount not less than \$1,000,000, as well as worker’s compensation in amount not less than the statutory amount.

The successful bidder must provide a Certificate of Liability prior to commencing any work and list the City of Lowell and Lowell Light and Power as an additional insured. Certificate must include name and address of the insurance company authorized to conduct business within the state of Michigan, policy number, and liability coverage and amounts.

#### 5.0 Submittal Requirements

- 5.1 Receipt and Opening of Bids – Bids will be received at the office of the City Clerk, Lowell City Hall, 301 E. Main Street, Lowell, Michigan 49331, until 4 p.m. Wednesday, February 21, 2018, at which time all sealed bids will be publicly opened and read. The envelope containing the bids must be sealed, clearly marked on the outside of the envelope “Sealed Bid - Carpet Replacement Project” and addressed to the City Clerk.

The City reserves the right to award the contract by sections, to accept or reject any and all bids, to waive any technicalities or irregularities therein, to negotiate further with the selected bidder, to determine in its sole discretion the best qualified and responsible bidder and to award the contract on such basis. Any bid may be withdrawn at the request of the bidder for return of the bid packet submitted by filing a written request with the City Clerk prior to the above scheduled time for the opening of the bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 90 days after the actual date of the opening thereof without forfeiture of the Bid Security Bond, if applicable.

- 5.2 General – Please submit one original and two copies of the proposal.
- 5.3 Rejection of all Bids – if the City or LL&P rejects all Bids, the City may: (1) re-advertise or re-solicit Bids following the City’s normal bidding procedure; or (2) use an expedited Bid submission schedule when the City determines that the delay would not be in the best interest of the project or the City.

Bidder agrees that rejection shall create no liability on the part of the City because of such rejection, and the submission of any bid in response to this invitation shall constitute an agreement of the bidder to these conditions.



## 6.0 Preparation and Submission of Bid

- 6.1 Bid Form - Each bid must be submitted on the prescribed bid form(s). **All blank spaces for bid prices must be filled in, in ink or typewritten, in both words and figures.** No verbal, electronic, facsimile or telephonic bids or alterations will be considered.
- 6.2 Walk Thru - Contractors should read and be fully familiar with all bidding and contract documents before submitting a bid. In submitting a bid, the bidder warrants that it has read the bidding and contract documents and is fully familiar therewith, that contractor has visited the site of the work to fully inform itself as to all existing conditions and limitations, and contractor has included in the bid a sum to cover the cost of all items of the work. **Walk thru is tentatively scheduled for Tuesday, March 20th @ 10:00 and will commence at City Hall's clock tower lobby – 301 E. Main Street, Lowell.**
- 6.3 Understanding of Scope - The submission of a bid will constitute an incontrovertible representation by the bidder that the Bid Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the work.
- 6.4 Corporate Execution - Bids by a corporation must be executed in the corporate name by the president or a vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal must be affixed and attested by the secretary or an assistant secretary. The corporate address shall be shown below the signature.
- 6.5 Partnership Execution - Bids by a partnership must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.
- 6.6 Addenda and Interpretations – No interpretation of the meaning of the plans, specifications, or other pre-bid documents will be made to any bidder verbally. Every request for such interpretation should be in writing addressed to: Public Works Director, City of Lowell: Rich LaBombard, 616-897-8457; rlabombard@ci.lowell.mi.us; and to be given consideration must be received by **March 27, 2018**. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the Bid Documents which, if issued, will be available on the City's website. No one is authorized to make any clarifications, interpretations or modifications or give any instruction to the bidders during the bidding period except as described in this Section.





- 6.7 Substitute Material – The contract, if awarded, will be on the basis of installed material described in the specifications without consideration of possible substitute or “or equal” items. If it is specified in the specifications that a substitute or equal item of material may be furnished or used by Contractor—if acceptable to the City, application of such acceptance will not be considered by City until after the “effective date of Agreement.”

## 7.0 Qualifications of Bidder

- 7.1 Qualification - The City may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all such information and data for this purpose as the City may request. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the City that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted. At a minimum, each Bidder must submit the following information with the Bid:

- 7.1.1 Authority to do business in Michigan (i.e. Certificate of Good Standing, tax identification, etc.). Each bid must contain evidence of bidder’s qualification and good standing to do business in the State of Michigan or covenant to obtain such qualifications prior to award of the contract.
- 7.1.2 Statement of Assurances. Provide affirmation of the following items prior to award of contract:
- Statement that Bidder is current on payment of Federal and State income tax withholdings and unemployment insurance payments.
  - Statement that the Bidder has not been rescinded or debarred from any bidding, contractual, procurement or other such programs by federal, state or local entities.
  - Statement of Bidder’s litigation and or arbitration history over the past seven (7) years including final ruling. Pending cases must be disclosed with a notation that the matter is still unresolved.
  - Statement that there is no collusion or fraud with reference to illegal relationships of bidders, bid pooling or strawbids.
- 7.1.3 Subcontractor List - The bidder shall submit to the City with the Bid list of all proposed sub-contractors to be used on the project. The list shall indicate those portions of the work each sub-contractor will be performing. The



Contractor shall also submit a list of suppliers of major materials to be used on the project. The list shall indicate which materials each supplier is furnishing.

## **8.0 Project Implementation**

- 8.1 Commence Work - Bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the City and to fully complete the project within fifteen (15) consecutive work days thereafter.
- 8.2 Conditions of Work – Each bidder must inform itself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of its obligation to furnish all material and labor necessary to carry out the provisions of the contract. Insofar as possible the Contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of or interferences with the work of any other contractor.
- 8.3 Laws and Regulations – The bidder's attention is directed to the fact that all applicable federal and state laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

## **9.0 Method of Award**

- 9.1 Lowest Qualified Bidder – The contract will be awarded to the "lowest qualified bidder". Businesses operating within the City of Lowell, Kent County or Ionia County may have a higher preference in the selection process.
- 9.2 Bid Alternates - If this solicitation includes Bid Alternates, the City, in its sole discretion, may include any, all or none of the Alternates in determining the lowest qualified bidder. The City may include the Alternates in any combination and in any order or priority as deemed in the best interest of the City. The City may make this determination at any time after bid closing and prior to contract award. The City will act in the best interest of the City in determining whether to include any, all or none of the Alternates and the combination and priority of any Alternates selected. If additional funding becomes available after Contract award, the City may add any or all of the Alternates to the Agreement by Change Order.



- 9.3 Qualifications of Others - The City may consider the qualifications and experience of subcontractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for portions of the work.

#### **10.0 Obligation of Bidder**

- 10.1 Familiarity with Project - At the time of the opening of bids, each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the plans and Contract Documents (including all addenda). The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve any bidder from any obligation in respect to the bid submitted. City and LL&P will provide each bidder access to the site to conduct such investigations and tests as each bidder deems necessary for submission of his bid. **A walk thru of each facility is tentatively scheduled for Tuesday, March 20th @ 10:00 and will commence at City Hall's clock tower lobby – 301 E. Main Street, Lowell.**

#### **11.0 Signing of Agreement**

- 11.1 Notice to Proceed - When the City gives Notice of Award to the successful bidder, it will be accompanied by the required number of unsigned counterparts of the Agreement and all other Contract Documents. Within twenty (20) days thereafter Contractor shall sign and deliver at least three (3) counterparts of the Agreement to the City with all other Contract Documents attached and signed as required, together with the required bonds, evidence of insurance, city licenses and work authorization affidavit and documentation. Within ten (10) days thereafter City will deliver all fully signed counterparts to Contractor. The City may issue a Notice to Proceed with or at any time after delivery of signed counterparts to Contractor.

#### **12.0 Selection of Contractor**

- 12.1 General – This RFP does not commit the City to enter into agreement, to pay any costs incurred in the preparation of a proposal in response to this request or in subsequent negotiations, or to procure a contract for the project. The City will require the selected proposer, if any, to participate in negotiations and to submit such cost, technical and/or other revisions to the proposals as may result from negotiations. The City reserves the right to perform all or some of the services described in this RFP with its own work force.
- 12.2 Selection Criteria – Proposals will be evaluated, scored, and ranked based upon the following criteria:



- Responsiveness to the RFP (Sections 7.2, 7.3, 7.4) – Complete Bid Proposal with proper assurances and documentation of proposed subcontractors included.
- Relevant experience, expertise, and qualifications of the firm and project team members – Represent how the Contractor is qualified to perform the services.
- Technical proposal (Section 2.4.5) – Provide information on the proposed products
- Cost proposal – Provide the lump sum cost to perform the work described at each facility.
- Any special or unusual Terms and Conditions for the contract
- Execution (Section 6.4, 6.5) – Sign and date the proposal

It is not envisioned that interviews will be required for selection of the Contractor for this project. However, the City reserves the right to request an interview for any potential Contractors during the selection process. Should the City see the need to interview potential Contractors, the potential Contractors will be notified as early as possible in the proposal review process, and selection schedules adjusted accordingly.

12.3 Schedule for the Selection Process – The following is the anticipated schedule for the Contractor selection process:

- |  |                             |
|--|-----------------------------|
| • City issues RFP                          | March 7, 2018               |
| • Facilities walk through                  | March 20, 2018 @ 10:00 a.m. |
| • Last day for questions / clarification   | March 27, 2018              |
| • Proposals Due – Public Bid Opening       | March 29, 2018 @ 4:00 p.m.  |
| • City Holiday – Offices closed            | March 30, 2018              |
| • Contractor Evaluation and Selection      | April 2-6, 2018             |
| • Statement of Assurances Due (Sec. 7.1.2) | April 11, 2018              |
| • LL&P Award                               | April 12, 2018              |
| • City Council Award                       | April 16, 2018              |
| • Signature & Purchase Order               | April 20, 2018              |
| • Notice to Proceed                        | April 23, 2018              |



**13.0 Payment**

- 13.1 Payment shall be issued from City Hall for the entire project.
- 13.2 Upon completion, vendor shall submit one invoice for materials and labor, and shall itemize charges by facility. City Hall and Police Department will be considered one facility for invoicing purposes. The City of Lowell is exempt from Federal Excise and State Sales Taxes. The City's Federal Tax ID number is: 38-6007187.



## Bid Form

(Please type or print in ink)

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**Cost Proposal:**

**Item A - City Hall Lump Sum Bid:**                                     \$ \_\_\_\_\_

**Item B - LL&P Lump Sum Bid:**   \$ \_\_\_\_\_

**Total Lump Sum Bid (A+B):**   \$ \_\_\_\_\_

Describe relevant experience, expertise and qualifications of firm:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Project team members:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Subcontractors:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Lowell City Hall and Lowell Light and Power  
Carpet Replacement Project – Request for Proposal

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Describe any unusual terms or conditions for the contract:

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Submitted by:

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Signature:

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Date:

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# JOHNSONITE RESILIENT WALL BASE

## Traditional Wall Base

## Product Specification

### 1. PROPRIETARY PRODUCT/MANUFACTURER

#### 1.1. Proprietary Product: Thermoplastic Wall Base

#### 1.2. Manufacturer:

Tarkett	Phone: (800) 899-8916
30000 Aurora Rd.	(440) 543-8916
Solon, Ohio 44139	Tech: Ext 9297
Web: <a href="http://www.tarkettna.com">www.tarkettna.com</a>	Samples: Ext 9299
E-mail: <a href="mailto:info@johnsonite.com">info@johnsonite.com</a>	

#### 1.3. Proprietary Product Description:

1.3.1. **Construction:** Johnsonite Traditional Wall Base is manufactured from a proprietary rubber and vinyl formulation designed specifically to meet the performance and dimensional requirements of ASTM F-1861, Type TV (Thermoplastic Vinyl) and TP (Thermoplastic Rubber), Group 1 (solid), Style A and B, Standard Specification for Resilient Wall Base.

#### 1.3.2. Styles/Physical Characteristics:

##### Rubber Wall Base

- **Traditional:** DC-XX with toe (coved) or DCT-XX for toeless (straight), 0.125" (3.17 mm) thickness, 2-1/2" (6.35 cm), 4" (10.16 cm), 4 1/2" (11.4 cm) or 6" (15.24 cm) height

Available in 4' (1.22 m) straight lengths and 120' (36.58 m) coiled lengths. The 6" (15.24 cm) high profile available in 4' (1.22 m) straight lengths and 100' (30.48 m) coiled lengths

- **Wall Art:** WA-XX w/toe (coved), 0.125" (3.17 mm) thickness, 4" (10.16 cm) height

Available in 4' (1.22 m) straight lengths only

- **Inside and Outside Corners** available with 4" (10.16 cm) returns packaged 25 per carton, add LIC (Inside corners) or LOC (Outside corners)

##### Vinyl Wall Base

- **Traditional:** CB-XX with toe (coved) or CBT-XX toeless (straight), 0.125" (3.17 mm) or 0.080" thickness, 2-1/2" (6.35 cm), 4" (10.16 cm), or 6" (15.24 cm) height

Cartons size: Available in 4' (1.22 m) straight lengths and 120' (36.58 m) coiled lengths. The 6" (15.24 cm) high profile available in 4' (1.22 m) straight lengths and 100' (30.48 m) coiled lengths

- **Inside and Outside Corners** available with 4" (10.16 cm) returns packaged 25 per carton, add LIC (Inside corners) or LOC (Outside corners)

### 2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1. Meets or exceeds the performance requirements for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861.

2.2. **Flexibility:** Will not crack, break, or show any signs of fatigue when bent around a 1/4" (6.4 mm) diameter cylinder.

2.3. **Chemical resistance** (ASTM F 925): Passes – 5% acetic acid, 70% isopropyl alcohol, mineral oil, 5% sodium hydroxide solution, 5% hydrochloric acid solution, 5% sulfuric acid solution, 5% household ammonia solution, and 5.25% household bleach solution

2.4. **Resistance to light** (ASTM F 1515):  $\Delta E < 8$

#### 2.5. Fire Resistance:

##### Vinyl Wall Base

ASTM E 648 (NFPA 253): Critical Radiant Flux – Class I

ASTM E 84/NFPA 255 (Flame/Smoke) – Class B, < 450

##### Rubber Wall Base

ASTM E 648 (NFPA 253): Critical Radiant Flux – Class I

ASTM E 84/NFPA 255 (Flame/Smoke) – Class C, < 450

### 3. INSTALLATION

3.1. See Johnsonite wall base installation instructions for complete details.

#### 3.2. Adhesives:

- **Tarkett 960 Cove Base Adhesive** (Porous surfaces):

Application: 1/8" x 1/8" x 1/8" square notched trowel

Approximate coverage:

2 1/2" high – 300 to 350 linear feet/gallon

4" high – 200 to 250 linear feet/gallon

6" high – 100 to 150 linear feet/gallon

- **Tarkett 946 Premium Contact Adhesive** (Non-porous surfaces)

Application: Brush or roller

Approximate coverage:

1 kg Unit (0.95 Qt) – 24 to 36 sq. ft.

6 kg Unit (1.44 Gal.) – 144 to 215 sq. ft.

### 4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

### 5. WARRANTY

Limited 2 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.





# JOHNSONITE RESILIENT WALL BASE

## Traditional Wall Base

## Product Specification

### 6. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Johnsonite Resilient Wall Base Installation & Maintenance Instructions for complete maintenance details.

### 7. TECHNICAL SERVICES

**Samples:** Submittal samples for verification and approval available upon request from Tarkett. 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.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at [www.tarkettna.com](http://www.tarkettna.com) or contact Tarkett at 1-800-899-8916.



THE ULTIMATE  
FLOORING EXPERIENCE

**Technical Services Department**  
30000 Aurora Road, Solon, Ohio 44139  
(800) 899-8916 ext 9297  
Fax (440) 632-5643  
email: [info@johnsonite.com](mailto:info@johnsonite.com)  
[www.tarkettna.com](http://www.tarkettna.com)

# shaw contract®

## knit tile

product type:	<b>carpet tile</b>
collection:	<b>chenille</b>
style number:	<b>59492</b>
construction:	<b>multi-level pattern loop</b>
fiber:	<b><u>eco solution q@ nylon</u></b>
dye method:	<b>92% solution dyed / 8% yarn dyed</b>
primary backing:	<b>synthetic</b>
secondary backing:	<b><u>ecoworx® tile</u></b>
protective treatments:	<b>ssp® shaw soil protection</b>
warranty:	<b>lifetime commercial limited</b>

	u.s.	metric
product size:	<b>24.0 x 24.0 inches</b>	<b>61.0 x 61.0 cm</b>
gauge:	<b>1/12 inch</b>	<b>47.2 per 10cm</b>
stitches:	<b>9 per inch</b>	<b>35 per 10cm</b>
finished pile thickness:	<b>0.15 inches</b>	<b>3.81 mm</b>
average density:	<b>6720 per cu.yd.</b>	<b>0.249 g/cm3</b>
kilotex:		<b>13.47 kilotex</b>
total thickness:	<b>0.295 inches</b>	<b>7.49 mm</b>
tufted weight:	<b>28 oz/yd2</b>	<b>949.4 gms/sqm</b>
pattern repeat:	<b>none</b>	<b>none</b>

### recommended installation method



ashlar



monolithic



quarter turn

### coordinating products

carpet tile: **corded tile, chain stitch tile**  
broadloom: **corded, cross stitch, double knit**

### performance + testing

antimicrobial assessment:	<b>passes (AATCC-174) (When installed using Shaw 5036 adhesive)</b>
pill test:	<b>pass</b>
radiant panel:	<b>class I</b>
nbs smoke:	<b>less than 450</b>
electrostatic propensity:	<b>less than 3.5 kv</b>
CRI greenlabel plus:	<b>USA (GLP9968)</b>
ADA compliance:	<b>This product meets the guidelines as set forth in the Americans with Disabilities Act for minimum static coefficient of friction of 0.6 for accessible routes.</b>

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March 07, 2018

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## product transparency

Shaw Contract is dedicated to providing clients with a building chemistry that's safe and dependable. Working together, we will help you meet your goals as they pertain to material health. EcoWorx products with Eco Solution Q nylon are Cradle to Cradle Certified (tm) Silver and assessed for impacts on human health and the environment. This product can be recycled. When it's time to replace, we can collect and recycle it through our Environmental Guarantee.\*

## attributes + certifications

Cradle to Cradle Certified™	<a href="#"><u>silver level (version 3.1)</u></a>
Health Product Declaration (HPD):	<a href="#"><u>1,000 ppm disclosure</u></a>
Environmental Product Declaration (EPD):	<a href="#"><u>3rd party certified in accordance with ISO14044, ISO14025 &amp; EN15804</u></a>
Living Building Challenge (LBC):	<b>free of red list chemicals</b>
nsf 140:	<a href="#"><u>gold</u></a>
CRI Green Label Plus (GLP):	<a href="#"><u>USA (GLP9968)</u></a>
Building Research Establishment (BRE):	<a href="#"><u>certified</u></a>
Good Environmental Choice Australia (GECA):	<a href="#"><u>certified</u></a>
Singapore Green Label:	<a href="#"><u>039-003</u></a>
ce marking (EN 14041):	<b>3rd party certified</b>
environmental guarantee†:	<a href="#"><u>free pickup &amp; delivery available north america</u></a>
total recycled content:	<b>43% (post industrial 43%   post consumer 0%)</b>
product packaging:	<b>100% recyclable</b>
country of origin**:	<b>USA</b>

## green leed contribution credit

MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations - Option 1: Environmental Product Declaration (EPD)	<b>3rd party certified in accordance with ISO14044, ISO14025 &amp; EN15804</b>
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 1: Material Ingredient Reporting	<b>C2C silver level (version 3.1)</b>
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 2: Material Ingredient Optimization	<b>C2C silver level (version 3.1)</b>
MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting	<b>annual GRI sustainability report</b>
MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials - Option 2: Leadership Extraction Practices	<b>environmental guarantee: free pickup &amp; delivery available north america</b>
EQ Credit: Low Emitting Materials Option 1: Product Category Calculations	<b>green label plus certification: GLP9968</b>
MR Credit: Interiors Life-Cycle Impact Reduction Option 3: Design for Flexibility	<b>ecoworx tile w/ lokdots installation system</b>

## additional information

\* To learn more about the recyclability of our products and our Environmental Guarantee, please visit [shawcontract.com](http://shawcontract.com).

\*\*Meets or exceeds all local and national regulations in country of manufacture.



Specifications are subject to nominal manufacturing variances. Material supply and/or manufacturing processes may necessitate specification changes without notice. This carpet is an exclusive design and may not be duplicated in any manner. Use of this design in the creation of another carpet design is also strictly prohibited. Visit [shawcontract.com/testing](http://shawcontract.com/testing) for more information.

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**Straight & Narrow**  
collection: Walk the Line

**tile specifications**

<b>style name</b>	straight & narrow
<b>style number</b>	54727
<b>construction</b>	precision cut/uncut
<b>fiber</b>	eco solution q® nylon
<b>dye method</b>	100% solution dyed

	<b>english</b>	<b>metric</b>
.....		
<b>pattern repeat</b>	n/a	
<b>tufted weight</b>	28.0	949.36 g/m <sup>2</sup>
<b>gauge</b>	1/8	31.50 per 10 cm
<b>stitches per inch</b>	12.0	47.24 per 10 cm
<b>finished pile thickness</b>	0.164	4.17 mm
<b>total thickness</b>	0.308	7.82 mm
<b>average density</b>	6146	11.44 kilotex
<b>product size</b>	24" x 24"	60.96 cm x 60.96 cm
<b>primary backing</b>	synthetic	
<b>secondary backing</b>	ecoworx® tile	
<b>protective treatments</b>	ssp protective treatments	

**testing**

<b>radiant panel</b>	class I
<b>nbs smoke</b>	less than 450
<b>electrostatic propensity</b>	less than 3.5 kv

**warranties**

lifetime commercial limited

**installation method**

1/4 Turn



**coordinating products**

54733 | live wire



Specifications are subject to nominal manufacturing variances. Material supply and/or manufacturing processes may necessitate changes without notice.

[www.phillyqueencommercial.com](http://www.phillyqueencommercial.com) | 800-441-7429