

# BID SOLICITATION



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
 CAPITOL HILL  
 PROVIDENCE RI 02908

**BID NUMBER: B05679**  
**TITLE: CARPET INSTALLATION**  
**BID OPENING DATE AND TIME:**  
 11/04/2005 2:20 PM

BUYER: STEPHEN HARRIS  
 PHONE #: (401) 222 - 2142 ext. 127

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O** COMMUNITY COLLEGE OF RHODE ISLAND  
 CCRI CONTROLLER'S OFFICE  
 ACCOUNTS PAYABLE  
 400 EAST AVENUE  
 WARWICK RI 02886

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O** COMMUNITY COLLEGE OF RHODE ISLAND  
 CCRI SPECIAL INSTRUCTIONS  
 SEE BELOW RI N/A

Requisition Number(s): R88A064070

Item	Class-Item	Quantity	Unit	Unit Price	Total
	<p>CCRI - BILL MERCER/R0004575                      400 EAST AVE                      WARWICK, RI 02886</p> <p>THERE WILL BE A ***MANDATORY*** PRE-BID CONFERENCE                      ON:                      10/21/05 - 10:00 AM                      AT:                      CCRI                      KNIGHT CAMPUS                      400 EAST AVENUE                      PHYSICAL PLANT DIRECTOR'S OFFICE                      WARWICK, RHODE ISLAND</p> <p>BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND, IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.</p>				

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DELIVERY: \_\_\_\_\_

RIVIP VENDOR ID#: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

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	<p>AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS' COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.</p>				

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Requisition Number(s): R88A064070

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	<p>NOTE: IF THIS BID COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD:</p> <ul style="list-style-type: none"> <li>* PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS &amp; OMISSIONS) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER.</li> <li>* BUILDER'S RISK INSURANCE - COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION.</li> <li>* SCHOOL BUSING - AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION.</li> <li>* ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL) - \$1 MILLION OR 5% OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER.</li> <li>* VESSEL OPERATION - (MARINE OR AIRCRAFT) - PROTECTION &amp; INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION.</li> </ul> <p>ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.</p>				

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	HAZARDOUS MATERIAL SAFETY DATA SHEET IS TO BE SUBMITTED BY THE SUCCESSFUL BIDDER AFTER THEIR RECEIPT OF THE PURCHASE ORDER AND BEFORE OR WITH THE FIRST DELIVERY. THIS SHEET WILL BE KEPT ON FILE AS A REFERENCE FOR FUTURE DELIVERIES MADE UNDER THIS CONTRACT. THIS SHEET IS MANDATED BY R.I. STATE LAW CHAPTER 28-21 HAZARDOUS SUBSTANCE RIGHT-TO-KNOW ACT. FAILURE TO COMPLY WITH THIS REQUEST WILL RESULT IN LOSS OF CONTRACT.				
1.0	910-09 FURNISH AND INSTALL APPROXIMATELY 675 SQ. YARDS OF CARPETING IN THE SECOND FLOOR SOUTH CORRIDOR, FACULTY OFFICES CORRIDOR AND RECEPTION AREAS OF THE KNIGHT CAMPUS OF CCRI, AS PER THE ATTACHED SPECIFICATIONS AND DRAWINGS. (COLLINS & AIKMAN - TIMELESS 24 OZ.)	1.00	EA		
2.0	910-09 FURNISH AND INSTALL APPROXIMATELY 225 SQ. YARDS OF CARPETING IN THE SECOND FLOOR ADMINISTRATIVE/PURCHASING/ACCOUNTING AREA OF THE KNIGHT CAMPUS AS PER THE ATTACHED DRAWINGS AND SPECIFICATIONS. (TYPE 3. TIMELESS - COLOR: 31013 BURGUNDY)	1.00	EA		

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Item	Class-Item	Quantity	Unit	Unit Price	Total
3.0	910-09 FURNISH AND INSTALL APPROXIMATELY 625 SQ. YARDS OF CARPETING IN THE THIRD FLOOR SOUTH CORRIDOR, FACULTY OFFICES CORRIDOR AND RECEPTION AREAS OF THE KNIGHT CAMPUS AS PER ATTACHED DRAWINGS AND SPECIFICATIONS. (TYPE 3. TIMELESS - COLOR: 31013 BURGUNDY)	1.00	EA		
4.0	910-09 FURNISH AND INSTALL APPROXIMATELY 300 SQ. YARDS OF CARPETING IN THE THIRD FLOOR ADMINISTRATION AREA OF THE KNIGHT CAMPUS AS PER THE ATTACHED DRAWINGS AND SPECIFICATIONS. (TYPE 1. SOMA - COLOR: 65010 FONYENAY)	1.00	EA		
FURNITURE & EQUIPMENT TO BE MOVED BY CCRI. SUBFLOOR PREPARATION BY AWARDED BIDDER.  INSTALLATION DATES ARE TO BE DETERMINED BY AND SCHEDULED WITH THE PHYSICAL PLANT DIRECTOR.  CONTACT PERSONS:  WILLIAM MERCER PHYSICAL PLANT DIRECTOR (401) 825-2111  RAYMOND V. DeANGELIS (401) 825-2444					

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Item	Class-Item	Quantity	Unit	Unit Price	Total
	STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION _____				
				<b>TOTAL:</b>	_____

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*NOTE: Italicized items draw attention to areas/items where one must choose whether to retain the italicized information or portions thereof in the project specification (therefore, un-italicize it) or delete the italicized information or portions thereof from the specification. Such decisions are at the discretion of the architect, based upon job requirements, and/or dependent upon the Powerbond style being specified.*

**SECTION 09680 – CARPETING**

**PART 1 – GENERAL**

**1.00 GENERAL INFO**

A. Measurements:

- 1. Vendor is responsible for accurate field measurements.

B. Installation Warranty:

- 1. The carpet contractor shall warrant this work for a period of two (2) years. He shall make necessary replacements and or repairs due to defective material and or unsatisfactory workmanship which becomes apparent within 24 months after initial installation is accepted.

**1.01 SUMMARY**

A. Section Includes

- 1. Sheet Carpet
- 2. Installation over *Vinyl Asbestos Tile (VAT)*

- B. Related Documents: Drawings and general provisions of the Contract, including <<<General and Supplementary Conditions>>> <<<Division 1 Specification Sections>>> <<<09650 Resilient Flooring>>> <<<09690 Carpet Tile>>> <<<(other applicable sections)>>>, apply to this Section.

**1.02 SUBMITTALS**

- A. Shop Drawings showing the extent of carpet, seam direction of carpet, and accessories shall be submitted to Architect for approval prior to installation. Check pattern match, if any, for matching during installation and possible waste factors in ordering required amounts. Should also indicate columns, doorways, enclosing walls or partitions, builtin cabinets, and locations where cutouts are required in carpet. Copy of approved shop drawings to be available on job site during installation.
- B. Carpet schedule using same room designations indicated on drawings.
- C. Product Data: Provide data on specified products, describing physical and performance characteristics, sizes, patterns, colors available, and method of installation.
- D. Selection Samples: Submit manufacturer's complete set of color samples for Architect's initial color selection.
- E. Verification Samples: Submit two 18" x 18" samples illustrating color and pattern for each carpet material specified.
- F. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.
- G. Maintenance Data: Include maintenance procedures, recommendations for maintenance materials and equipment, and suggested schedule for cleaning.
- H. Manufacturer's Carpet Warranty.
- I. Certification and description of reclamation and recycling process per section 1.07 of this document.
- J. *Certifications: Manufacturer to submit copies of the following independent laboratory reports showing compliance with requirements per these methods outlined in Part 2 of this document. Submitted results shall represent average*

*results for production goods of the specified style.*

1. <<<ASTM E-648 Flooring Radiant Panel>>>
2. <<<ASTM E-662: Smoke Density>>>
3. <<<AATCC 134: Electrostatic Propensity>>>
4. <<<CRI TM-102: Fluorine Analysis>>>
5. <<<ASTM D-3936: Delamination>>>
6. <<<AATCC 20: Fiber Analysis>>>
7. <<<Other from methods specified in Part 2>>>

### 1.03 QUALITY ASSURANCE

#### A. Manufacturer Qualifications

1. Company specializing in manufacturing specified carpet with minimum 1 year documented experience.
2. Upon request, manufacturer to provide representative to assist in project start-up and to inspect installation while in process and upon completion. Representative will notify designated contact if any installation instructions are not followed.
3. Single Source Responsibility: Obtain each type of carpet from one source and by a single manufacturer.

#### B. Installer Qualifications

1. Flooring contractor must be certified by the carpet manufacturer prior to bid.
2. Flooring contractor to be a specialty contractor normally engaged in this type of work and shall have prior experience in the installation of these types of materials.
3. *Certify payment of Prevailing Wage Rates to the installers.*
4. Flooring contractor possessing Contract for the carpet installation shall not sub-contract the labor without written approval of the Project Manager.
5. Flooring contractor will be responsible for proper product installation, including floor testing and preparation, as specified by the carpet manufacturer and JOB CONDITIONS herein.
6. Flooring contractor to provide Owner a written installation warranty that guarantees the completed installation to be free from defects in materials and workmanship for a period of one year after job completion.

### 1.04 DELIVERY, STORAGE, & HANDLING

- A. Deliver materials to the site in manufacturer's original packaging listing manufacturer's name, product name, identification number, and related information.
- B. Store in a dry location, between 60 degrees F and 80 degrees F and a relative humidity below 65%. Protect from damage and soiling. Stack carpet rolls horizontally on a flat surface, stacked no higher than two rolls.
- C. Make stored materials available for inspection by the Owner's representative.
- D. Store materials in area of installation for minimum period of 48 hours prior to installation.

### 1.05 PROJECT CONDITIONS

- A. Sub-floor preparation is to include all required work to prepare the existing floor for installation of the product as specified in this document and Manufacturer's installation instructions.
- B. The maximum amount of moisture evacuation from the floor is 3.0 pounds per 1,000 square feet in 24 hours. The acceptable pH level of the substrate is between 7.0 and 9.0. Flooring contractor is responsible for floor testing.
- C. All material used in sub-floor preparation and repair shall be recommended by the carpet manufacturer and shall be chemically and physically compatible with the carpet system being bid.

- D. Maintain minimum 65 degrees F ambient temperature and 65% Relative Humidity for 72 hours prior to, during, and 48 hours after installation.
- E. Do not install carpet until space is enclosed and weatherproof, wet-work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

#### 1.06 EXTRA MATERIALS

- A. Provide additional 5% of each type, color, and pattern furnished; product to be rolled and bound. Coordinate storage location with owner.
- B. Deliver all unused carpet and large scraps to Owner for "attic stock." Dispose of scraps less than 2 square foot in area or less than 8" in width.

#### 1.07 CARPET WARRANTY

- A. Warranty to be sole source responsibility of the Manufacturer. Second source warranties and warranties that involve parties other than the carpet manufacturer are unacceptable.
- B. If the product fails to perform as warranted when properly installed and maintained, the affected area will be repaired or replaced at the discretion of the ~~OWNER~~ STATE.
- C. Chair Pads are not required for carpet warranty coverage.
- D. Warranty shall not exclude carpet product installed on stairs provided it is properly installed and maintained.
- E. Warranty shall be for a specifically defined non-prorated period of twenty years. "Lifetime" warranties are not acceptable.
- F. The non-prorated twenty-year warranty shall cover against and specifically define the following:
  1. Excessive Surface Wear: More than 15% loss of pile fiber weight
  2. Excessive Static Electricity: More than 3.0 kV per AATCC 134
  3. Resiliency Loss of the Backing: More than 10% loss of backing resiliency
  4. Delamination
  5. Edge Ravel
  6. Zippering
- G. Tuft Bind warranty in lieu of edge ravel and zippering is not acceptable.
- H. Provide certification and warranty that product is fully or partially recyclable through manufacturer's or aligned partner's currently operational recycling program. Include information regarding the following:
  1. The recycling process(es) itself (i.e. separation of components, chopping, melting, pelletizing, etc.)
  2. Portions of the product that will be recycled back into itself
    - a. name/type of resulting product
    - b. end-use of resulting product
    - c. total product recycled content based on total product weight
    - d. whether resulting product is recyclable (fully or partially) or non-recyclable
  3. Portions of the product that will be down-cycled
    - a. name/type of resulting product
    - b. end-use of resulting product
    - c. total product recycled content based on total product weight
    - d. whether resulting product is recyclable (fully or partially) or non-recyclable
  4. Portions of the product that will be landfilled and/or incinerated. (NOTE: "Incineration" includes waste-to-energy conversion, extraction of embodied energy; using heat from incineration as a fuel source.)

#### PART 2 – PRODUCTS

## 2.01 FIBER

- A. 100% Premium Nylon Commercial Fiber <<<Solution Dyed>>> <<<Multi-Colored / Solid / Patterned>>> <<<Recycled Content>>> Bulked Continuous Filament (BCF) Nylon (AATCC 20: Cross Section with Photo, Melt Index, Fiber Identification).  
**(NOTE TO ARCHITECT: Must be specifying a Powerbond product constructed of C&A Floorcoverings' Repeat™ for "reclaimed content" to apply; otherwise, delete "reclaimed content" from fiber specification.)**
- B. Blends of Solutia fibers are not allowed. Solutia LXI fibers alone are not allowed.
- C. Durable stain inhibitor should be applied to the fiber during product manufacturing to resist fiber staining and soiling. (Minimum average of three fluorine analyses of a single composite sample per CRI TM102: 500 ppm.)
- D. Fiber to contain carbon-core filament for permanent static control (AATCC 20: Cross Section with Photo, Report on Determination of Antistat Existence). Topical treatments not allowed.

## 2.02 BACKING CHARACTERISTICS

- A. Thermoplastic vinyl composite.
- B. Primary Backing: Synthetic Woven or Non-Woven.
- C. Pre-Coat (Fusion Coat): Sealant Vinyl
- D. Secondary Backing: Closed-Cell, Vinyl Cushion backing system.
1. Density (ASTM D-1667): 18.5 lbs/cu ft +/- 5%
  2. Compression Set (ASTM D-1667): Max 10%
  3. Compression Deflection (ASTM D-1667): Min. 7 psi @ 25%; Max. 25 psi @ 25%
  4. Impermeable to moisture *and airflow*
  5. Provide for a chemically welded seam that is also impermeable to moisture *and airflow*
  6. 6' Width Roll Goods
- E. Product to be installed with a mill-applied releasable "dry" adhesive system (when/if available from Manufacturer) to securely attach product to sub-floor in compliance with ADA guidelines, Section 4.5.3. Free-lay and stretch-in installations not allowed.
- F. Product to provide asbestos enclosure properties.  
*Enclosure means an airtight, impermeable, permanent barrier around ACBM (Asbestos Containing Building Material) to prevent the release of asbestos fibers into the air.*

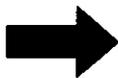
## 2.03 PERFORMANCE CHARACTERISTICS

- A. Test reports for the following performance assurance testing to be submitted upon request. Submitted results shall represent average results for production goods of the referenced style.
- B. Requirements listed below must be met by all products.
1. Flooring Radiant Panel  
ASTM E-648 / NFPA 253: Class 1 (CRF: 0.45 watts/sq cm or greater)
  2. Federal Flammability  
CPSC FF 1-70: Passes
  3. Smoke Density  
ASTM E-662 / NFPA 258: ≤ 450 Flaming Mode
  4. Electrostatic Propensity  
AATCC 134 (Step & Scuff): 3.0 kV or less

5. Static Coefficient of Friction  
ASTM C-1028: Passes ADA Guidelines for Accessible Routes (Minimum 0.60)
6. Delamination of Secondary Backing of Pile Floor Coverings  
ASTM D-3936: Minimum 15 lbs.
7. Lightfastness  
AATCC 16E:  $\geq 4$  @ 100 hours
8. Vetterman Drum  
ASTM D-5417: Minimum 3 @ 22,000 cycles
9. Moisture Barrier  
Moisture Penetration by Impact @ 10 psi: No Penetration of backing and seam after 10,000 impacts
10. *Air Flow Barrier*  
*Air Permeability of Textile Fabrics: No Air Flow (0.0 ft<sup>3</sup>/min) through backing and seam*
11. *Seam Integrity*  
*Seam to remain intact after 50,000 cycles per Phillips Chair Test*
12. VOC Chamber Testing  
ASTM D-5116: Product inclusive of “dry” adhesive system meets criteria established by the State of Washington Indoor Air Quality Specification for Carpet and/or Carpet & Rug Institute’s (CRI) Indoor Air Quality Carpet Testing Program. If “dry” adhesive (2.02E) not available from manufacturer and “wet” adhesive is used to install the product, carpet and adhesive to meet CRI’s Green Label requirements.
13. *Other*  
*As specified in 2.01 and 2.02 of this document.*

## 2.04 MANUFACTURING SPECIFICATIONS

### A. Manufactured by C&A Floorcoverings



1. **Soma Powerbond RS Vinyl Cushion (Color: 65010 Fontenay) (Commodity #4)**  
Construction: Textured Loop  
Gauge: 1/10  
Stitch Rate: 8.1 / inch  
Tuft Density: 81 tufts/sq inch  
Pile Height Average: .187 inch  
Pile Thickness: .087 inch  
Density Factor (UM44D): 8,276  
Fiber System: *Dupont XTI* BCF Nylon with Static Control & Ensure  
Dye Method: Yarn  
Total Weight: 24 oz/sq yd +/- 5%
2. *Classics Powerbond RS Vinyl Cushion*  
Construction: Textured Loop  
Gauge: 1/15  
Stitch Rate: 9.2 / inch  
Tuft Density: 138 tufts/sq inch  
Pile Height Average: .115 inch  
Pile Thickness: .090 inch  
Density Factor (UM44D): 6,800  
Fiber System: *Dynex SD* / *Dynex* BCF Nylon with Static Control & Ensure  
Dye Method: Solution/Yarn

Total Weight: 17 oz/sq yd +/- 5%



3. *Timeless* Powerbond RS Vinyl Cushion (Color: 31013 Burgundy) (Commodity #'s 1, 2 & 3)

Construction: Symtex

Gauge: 1/10

Stitch Rate: 10 / inch

Tuft Density: 100 tufts/sq inch

Pile Height Average: .187 inch

Pile Thickness: .099 inch

Density Factor (UM44D): 10,182

Fiber System: *Dupont XTI* BCF Nylon with Static Control & Ensure

Dye Method: Yarn

Total Weight: 24 oz/sq yd +/- 5%

4. *Luminaire* Powerbond RS Vinyl Cushion (Color: TBD)

Construction: Textured Loop

Gauge: 1/10

Stitch Rate: 11 / inch

Tuft Density: 110 tufts/sq inch

Pile Height Average: .187 inch

Pile Thickness: .116 inch

Density Factor (UM44D): 8,069

Fiber System: *Dupont Lumena* BCF Nylon with Static Control & Ensure

Dye Method: Solution

Total Weight: 26 oz/sq yd +/- 5%

4. *Plexus Accents II* Powerbond RS Vinyl Cushion (Color: TBD)

Construction: Symtex

Gauge: 1/10

Stitch Rate: 11 / inch

Tuft Density: 110 tufts/sq inch

Pile Height Average: .218 inch

Pile Thickness: .121 inch

Density Factor (UM44D): 9,521

Fiber System: *Dupont Legacy* BCF Nylon with Static Control & Ensure

Dye Method: Piece

Total Weight: 32 oz/sq yd +/- 5%

**(NOTE TO ARCHITECT: ADD/SUBTRACT UNDER 2.04.A AS REQUIRED.)**

B. Substitutes/Alternates

Subject to compliance with all requirements, "or equal" must match the selected color(s) and have similar aesthetic appearance and tuft density, closed-cell vinyl cushion backing (2.02D), *proving to be an asbestos enclosure (2.02F)*, and "dry" adhesive system (if available) to fully attach carpet product to subfloor (2.02E). Substitution sample and submittals must be submitted for written approval of quality and color at least ten days prior to bid to be considered. Sample of proposed substitute must be inclusive of both the face and proposed backing (color-only sample not acceptable).

2.05 ACCESSORIES

- A. Materials recommended by Manufacturer for patching, priming, chemically welding the seams, etc.
- B. Adhesives: Products to be supplied with a pre-cured, mill-applied or other "dry" adhesive system (2.02E) when available. Otherwise, adhesive should be full spread, extremely low VOC in compliance with CRI Indoor Air Quality

Adhesive Testing Program requirements, compatible with materials being adhered, as recommended by the Manufacturer.

- C. Base, Carpet Edge, and Transition Strips: As specified in applicable sections.

### PART 3 EXECUTION

#### 3.01 EXAMINATION / PREPARATION

- A. Prepare sub-floor to comply with criteria established in Manufacturer's installation instructions. Use only preparation materials that are acceptable to the Manufacturer.
1. Remove all deleterious substances from substrate(s) that would interfere with or be harmful to the installation. (*i.e. floor wax etc.*)
  2. Remove sub-floor ridges and bumps. Fill cracks, joints, holes, and other defects.
- B. Verify that sub-floor is smooth and flat within specified tolerances and ready to receive carpet.
- C. Verify that substrate surface is dust-free and free of substances that would impair bonding of product to the floor.
- D. Verify that concrete surfaces are ready for installation by conducting moisture and pH testing. Results must be within limits recommended by Manufacturer.
- E. There will be no exceptions to the provisions stated in the Manufacturer's installation instructions.

#### 3.02 INSTALLATION - GENERAL

- A. Install product in accordance with Manufacturer's installation instructions.
- B. Verify carpet match before cutting to ensure minimal variation between dye lots.
- C. Layout carpet and locate seams in accordance with shop drawings.
1. Locate seams in area of least traffic, out of areas of pivoting traffic, *and parallel to main traffic. Minimize cross seams.*
  2. Do not locate seams perpendicular through door openings.
  3. Align run of pile *in same direction as anticipated traffic and* in same direction on adjacent pieces.
  4. Locate change of color or pattern between rooms under door centerline.
  5. Provide monolithic color, pattern, and texture match within any one area.
- D. Install carpet tight and flat on sub-floor, well-fastened at edges, with a uniform appearance.
- E. Double-cut carpet seams with accurate pattern match. Make cuts <<<*straight*>>> <<<*serpentine*>>>, true, and unfrayed.
- F. Chemically weld all seams with manufacturer's recommended seam sealer as stated in installation instructions. Make sure the seam is fully sealed.
- G. Roll with appropriate roller for complete contact of carpet with mill-applied adhesive to sub-floor.
- H. Trim carpet neatly at walls and around interruptions.
- I. Completed carpet is to be smooth and free of bubbles, puckers, and other defects.
- J. *To ensure asbestos enclosure, the carpet material should be sealed around the perimeter of the installation using a one-inch strip of contact adhesive spread directly underneath the outer edge of the product.*

#### 3.03 PROTECTION & CLEANING

- A. Remove excess adhesive and/or seam sealer from floor and wall surfaces without damage.
- B. All rubbish, wrappings, debris, trimmings, etc. to be removed from site and disposed of properly.
- C. Clean and vacuum carpet surfaces using a beater brush/bar commercial vacuum.
- D. After each area of carpet is installed, protect from soiling and damage by other trades.

END OF SECTION

*Revised 7/03*

*NOTE: Italicized items are at the discretion of the architect, dependent upon job requirements, and/or dependent upon the Powerbond style being specified.*

