This master should be used by designers working on Port of Portland construction projects and by designers working for PDX tenants (“Tenants”). Usage notes highlight a few specific editing choices, however the entire section should be evaluated and edited to fit specific project needs.

This master should only be used for PDX projects.

SECTION 096813 – TILE CARPETING

1. GENERAL
	* + 1. DESCRIPTION
				1. This section describes installation of pressure sensitive adhered tile carpet.
			2. RELATED WORK SPECIFIED ELSEWHERE
				1. Section 016116, Volatile Organic Compound (VOC) Content Restrictions
				2. Section 072613, Moisture Mitigation System
				3. Section 090561, Common Work Results for Flooring Preparation
				4. Section 096800, Broadloom Carpeting
			3. REFERENCES
				1. CRI: Carpet and Rug Institute

CRI Carpet Installation Standard

CRI Green Label Testing Program

CRI Green Label Plus Testing Program

* + - 1. SUBMITTALS
				1. Product Data: Submit data on specified products. Describe physical and performance characteristics, sizes, colors available, and methods of installation.
				2. Shop Drawings: Indicate direction of carpet pile.
				3. Samples: Submit four carpet tiles illustrating color and pattern design for each carpet type and color selected.
				4. LEED Report: Submit data documenting VOC content of specified products. A copy of current CRI Approved Products Listing is acceptable.
				5. Manufacturer’s installation instructions: Indicate any special procedures.
				6. Maintenance Data: Submit maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.
			2. QUALITY ASSURANCE
				1. Installer Qualifications: Company specializing in installing commercial carpet with minimum 10 years of experience.
			3. SITE CONDITIONS
				1. Store materials in area of installation for minimum period of 24 hours prior to installation.
			4. EXTRA MATERIALS
				1. Furnish extra stock for each carpet, in the following minimum quantities:

|  |  |
| --- | --- |
| Carpet Type | Extra Stock |
| CPT-5 | Manufacturer’s minimum or 1 box |

* + - 1. WARRANTY
				1. Special Warranty for Carpet: Manufacturer’s standard form in which manufacturer agrees to repair or replace components of carpet installation which fail in materials or workmanship within specified warranty period.

Failures include, but are not limited to, more than 10 percent loss of face fiber, edge raveling, snags, runs, loss of tuft bind strength, dimensional stability, excess static discharge, wear, loss of stain repellant, and delamination.

Warranty Period: Manufacturer’s warranty period or 10 years from date of substantial completion, whichever is greater.

When specifying carpet other than those listed below, select carpet that is CRI Green Label Plus Program certified.

1. PRODUCTS

The brand name exemption for Tarkett expires March 1, 2021.

* + - 1. CUSTOM TILE CARPET
				1. Tile Carpet: Type CPT-5, Yellow stop lines at FIS.

Manufacturer: Tarkett, no substitutions.

Style: Plexus Color III 02875.

Color: Lemon Peel 18560.

Backing: Ethos Back.

Dye: 50 percent solution, 50 percent yarn.

This carpet is also available in broadloom. It is the Contractor’s option to use either broadloom or tile.

* + - 1. ADHESIVES
				1. Use adhesives acceptable to tile carpet manufacturer, compatible with materials being adhered, and appropriate for installed conditions.
1. EXECUTION
	* + 1. PREPARATION AND EXAMINATION
				1. Remove existing carpet and adhesive in accordance with 090561, Common Work Results for Flooring Preparation.
				2. Temporarily tape and protect edges of existing flooring to provide transitions between flooring edge and subfloor, where exposed to foot traffic.
				3. Prepare floor substrates for installation of flooring in accordance with Section 090561, Common Work Results for Flooring Preparation, and as recommended by flooring and adhesive manufacturers.
				4. Verify that sub-floor surfaces are smooth and flat within tolerances specified for that type of work, and are ready to receive carpet.
				5. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to sub-floor surfaces.
				6. Verify that substrates are dry and ready for carpet installation as required by the carpet manufacturer by testing in accordance with Section 072613, Moisture Mitigation System, for moisture and pH. If test results are not within limits recommended by the flooring manufacturer and adhesive materials manufacturer, provide moisture mitigation as specified in Section 072613, Moisture Mitigation System.
				7. Skim coat and encapsulate existing adhesive which cannot be removed prior to installation.
				8. Proceed with installation only after unsatisfactory conditions have been corrected, and corrected conditions have been accepted by the Port.
				9. Sweep and vacuum substrate.
			2. INSTALLATION
				1. Install carpet in accordance with manufacturer’s instructions and CRI Carpet Installation Standard. Starting installation constitutes Contractor’s acceptance of sub-floor conditions.
				2. Blend carpet from different cartons to blend minimal variations in color match across installation areas.
				3. Cut carpet tile clean. Fit carpet tight (without gaps) to intersection with vertical surfaces.
				4. Install carpet smooth, tight, and neat to adjacent vertical surfaces and existing trim where not removed. Gap tolerances at edges measured at backing, not face fibers, shall be:

Adjacent to vertical surfaces: 1/32 inch maximum.

Adjacent to horizontal non-carpet surfaces: 1/64 inch maximum.

* + - * 1. Lay CPT-5 carpet in a monolithic pattern with same pile direction.
				2. Trim carpet tile neatly at walls and around interruptions. Hand trim tile edge yarns if protruding from surface.
				3. Do not drive wheeled vehicles over uncured carpet.
			1. CLEANING
				1. Remove excess adhesive from floor, base, wall, and other adjacent surfaces, without damaging those surfaces. Use the appropriate adhesive remover recommended by the adhesive manufacturer.
				2. Clean and vacuum carpet surfaces.

END OF SECTION 096813