

DUE TO THE UNIQUE VISUAL CHARACTERISTICS OF MODULAR CARPETS, SEAM VISIBILITY, PATTERN REPEATS AND PATTERN RUN-OFF APPEAR MORE NOTICEABLE THAN IN BROADLOOM CARPETS. SUCH VISUAL CHARACTERISTICS DO NOT CONSTITUTE A MANUFACTURING DEFECT, AND AS SUCH, SHOULD BE CONSIDERED WHEN SELECTING MODULAR CARPET AND ITS INSTALLATION METHOD(S). IT IS STRONGLY RECOMMENDED THAT YOU CHECK THE INSTALLATION METHOD FOR APPROVAL BEFORE PROCEEDING.

J+J FLOORING, EF CONTRACT AND PENTZ COMMERCIAL REQUIRES THAT THE FLOORING PRODUCT BE INSPECTED PRIOR TO INSTALLATION FOR PROPER STYLE, COLOR AND POTENTIAL DEFECTS. NO CLAIMS WILL BE HONORED IF THE PRODUCT IS INSTALLED WITH VISIBLE DEFECTS. SHOULD THERE BE A PROBLEM, CALL J+J FLOORING CUSTOMER RELATIONS DEPARTMENT AT 800.241.4586 , EF CONTRACT CUSTOMER RELATIONS AT 800.451.1250 OR PENTZ TECHNICAL SERVICE AT 866.706.9745 X8407.

**SITE AND MODULAR MATERIAL CONDITIONING** - The building must be enclosed and the HVAC in continuous operation. Modules or planks must be conditioned to room temperature for 48 hours prior to installation. The ambient air relative humidity must be between 10% - 65% with a floor and room temperature between 65 – 95 degrees Fahrenheit. These conditions must be maintained for a minimum of 48 hours prior to installation and at least 48 hours after completion of the installation.

**SURFACE PREPARATION** - Dust, dirt, debris and existing adhesive must be removed before the installation begins. Surfaces must be smooth and level with all holes and cracks 1/8 inch or wider filled and skimmed using Mapei PSC or Quick Patch only.

**LATEX OR OLD ADHESIVES** - Must be mechanically scraped down to a bare residue flat with the concrete substrate. Any old adhesive residue must also be covered with Commercialon Premium Sealer. Note: Failure to remove or seal existing adhesives may cause installation failure, plasticizer migration, shifting, buckling or edge curling; these conditions will not be covered under warranty.

**CONCRETE MOISTURE TESTING AND PH TESTING** - Substrate surfaces must be tested for moisture. It is the responsibility of the owner or owner's representative to perform moisture testing prior to starting the installation. ASTM F 2170-2 relative humidity probe moisture testing is required. Acceptable relative humidity probe testing results are up to 99% RH. Alkalinity tests should also be performed per ASTM F 710. The maximum acceptable pH is 12.0. An intact moisture vapor barrier is required for on-grade or below-grade subfloors. RH probe type testing and pH testing is required prior to the installation start. These test results are to be recorded and saved.

### **SUBFLOORS**

*New Concrete* – New concrete must be fully cured and free of condensation or standing water. New concrete requires a curing period of approximately 28 days and installed according to ASTM F710.

*Old Concrete* – Old concrete must be also be free of condensation or standing water. Dry, dusty, porous floors must be encapsulated with Commercialon Premium Sealer.

*Hard Surfaces* – Tiles must be well secured to the floor or removed. Broken, damaged, or loose tiles must be replaced. Waxes and similar finishes must be removed from VCT before applying adhesive. Existing sheet vinyl is not a suitable substrate for modular or LVT installation and must be removed.

*Gypcrete* – Gypcrete subfloors must be fully cured and tested for high moisture (see ASTM F 2170-2). Gypcrete requires a curing period of approximately 28 days. Additionally, Gypcrete must be treated using Commercialon Premium Sealer in advance of applying adhesive.

**OLD CARPET** – Remove existing old carpet adhesives by scraping or other mechanical means. Remove existing adhesives to bare residue. Commercialon Premium Sealer is required.

FULL SPREAD ADHESIVE SYSTEM – A full spread adhesive system is required for installation of Nexus Modular (carpet tile) or LVT. Fully spread Commercialon® High RH Modular Tile and LVT Adhesive using a 1/16 x 1/32 x 1/32 “U” notch trowel. Allow to completely dry so adhesive does not transfer when touched. The spread rate for the trowel only application of adhesive is approximately 900 square feet per four gallon pail. Inadequate amounts of adhesive can cause modules or planks to shift and move and will not be covered under warranty. Warranty coverage requires the use of the appropriate Commercialon Adhesive. Failure to use Commercialon Adhesive will reduce Material Warranty to one year. J+J Flooring, EF Contract or Pentz Commercial will not be responsible for the adhesive bond where other adhesives have been used.

TILE PLACEMENT - Arrows are embossed or printed on the module or plank backing to show the manufacturing direction. To ensure proper alignment, check spacing every ten pieces. Due to the unique visual characteristics of modular carpets, pattern repeats, pattern run-off, seams may appear more noticeable than in broadloom carpets. Such visual characteristics do not constitute a manufacturing defect, and as such, should be considered when selecting modular carpet and its installation. Tolerance for off register is 1/4” maximum (approx. 1.5 stitch rows).

PALLET AND BUNDLE SEQUENCING - It is very important to install carpet modules in the order they were manufactured; this is easily accomplished by selecting pallets in sequential order and following the numbers located on each bundle. Typically, an installation will begin with the lowest bundle numbers and progress through the highest numbers until the project is complete. Installing modules by bundle sequence will assure the most even uniform look possible.

FLATWIRE CABLE / TRENCH HEADERS - Cable should be centered under modules and no adhesive used unless approved by the manufacturer. Trench headers require a control grid of adhesive on either side of header panels to prevent movement. It is highly recommended that these areas be installed ashlar.

FINISHED INSTALLATION - Roll entire job with 75-100 lb. roller after completion of installation.

The procedures listed above are our best recommendations for installing Nexus Modular Carpets or our high quality LVT. If you have further questions or require additional information please contact:

J+J FLOORING products:

**J+J Flooring Customer Relations Department**  
**800-241-4586**

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EF CONTRACT products:

**EF Contract Customer Relations Department**  
**800-451-1250**

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PENTZ products:

**Pentz Technical Service**  
**866-706-9745 x8407**