

**FORTUNE CONTRACT
INSTALLATION INSTRUCTIONS & PATTERN CARPET GUIDE
2008**

ATTENTION - CARPET DEALERS, INSTALLERS, AND FLOORING CONTRACTORS

FORTUNE CONTRACT REQUIRES YOUR ASSISTANCE TO INSURE THAT THIS QUALITY PRODUCT IS RECEIVED AND INSTALLED PROPERLY. THE CUSTOMER'S SATISFACTION DEPENDS ON OUR SUCCESS. THE FOLLOWING INFORMATION IS A SUMMARY OF FORTUNE CONTRACT'S REQUIREMENTS FOR A SUCCESSFUL INSTALLATION. **READ THIS GUIDE CAREFULLY AND FOLLOW THE INSTRUCTIONS.** FOR ANY TOPICS NOT COVERED IN THIS GUIDE, OR IF YOU HAVE ANY QUESTIONS, CALL OUR OFFICE AT 706.279.3669 BEFORE PROCEEDING WITH INSTALLATION.

GENERAL INFORMATION

Installers must have experience (preferably CFI C-11 Level Certification. For information, call 816.880.9191) and a reasonable comfort level installing patterned commercial carpet. Fortune Contract has adopted the Carpet & Rug Institute's "Standard for Installation Specification of Commercial Carpet - CRI-104". This standard is recognized as the minimum basic industry guideline for installation of commercial carpets and Fortune Contract carpets. For complete copies of this standard, contact the Carpet & Rug Institute at 706.278.3176 or visit their website at www.carpet-rug.org.

PRE-INSTALLATION CHECK LIST

THE FOLLOWING SITUATIONS CREATE A RESPONSIBILITY FOR THE DEALER, INSTALLER, AND/OR GENERAL CONTRACTOR TO NOTIFY FORTUNE CONTRACT BEFORE PROCEEDING FURTHER.

PROBLEMS DISCOVERED BEFORE INSTALLATION

If visible manufacturing defects or shipping errors are discovered before installation, Fortune Contract should be notified immediately. Fortune Contract normally ships carpet to the purchaser, or a location designated by the purchaser. The purchaser's responsibilities include, among others, making sure products arrive on the job site in proper condition and installed according to recommended procedures.

Fortune Contract carpets undergo numerous inspections prior to shipping, however, damage can occur during transit. If the packaging is torn or damaged, the purchaser (or party accepting delivery) should note any unusual conditions on the delivery receipt. The purchaser should file a claim promptly with the shipping company. The carpet should be thoroughly inspected within fifteen (15) working days of receipt and a claim filed with the shipping company if concealed damage is disclosed. Prior to installation, the installer or flooring contractor should inspect products for visible manufacturing defects.

Fortune Contract cannot honor claims on carpet that has been cut or installed with visible manufacturing defects. Prior to installation, the installer or flooring contractor should verify that the carpet is the proper style and color specified by the owner occupant, or design professional. **Fortune Contract cannot honor claims for incorrect style or color, once the carpet has been installed.** **Fortune Contract will not be responsible for costs incurred for furniture, equipment, or fixture removal, nor any other costs associated with the repair or replacement of defective product.**

JOB SITE AND GENERAL CONDITIONS

Carpet should be installed after work by all other tradespeople has been completed.

Carpet conditioning must take place 24 hours prior to installation by rolling out the carpet on the job site and smoothing wrinkles. This allows the carpet to relax and become more pliable for fitting, seaming, and pattern match.

Temperature, lighting, and ventilation systems must be operative prior to the installation of carpet. The building, carpet, and adhesives must be conditioned to a temperature of at least 65 degrees F, and relative humidity between 12% and 65% from 48-72 hours before installation and remain constant within this range throughout the installation. Lighting systems must be in service for continuous visual inspection, under occupied conditions that is essential during installation. Ventilation provides release of any off gassing that may occur in new carpet or adhesives.

Subfloors must be in good condition, ready to receive carpet. They should be cured, sound, secure, dry, level, and free from dirt, grease, oil, paint, sealer, old adhesives, and other materials. Cracks in old concrete greater than 1/8" must be patched with a latex-patching compound. Sealing of all concrete floors is recommended.

Concrete moisture content must be determined after 90-120 days post curing. If excessive moisture is detected or suspected, an Anhydrous Calcium Chloride moisture test must be performed to insure that emission rates are within the acceptable 3-5 lbs per 1000 ft. per 24 hours range. If the tests are not performed or the results exceed 5 lbs., a release must be provided by the building owner or general contractor before the carpet is installed.

pH of concrete slabs should be tested or verified to 9 or less. If readings are higher than 9, the general contractor should be notified for correction.

PLANNING AND LAYOUT

All carpet installations should have an accurate scale drawing prepared in advance denoting seam placement direction in which the carpet will be laid. Consideration of the following guidelines is also recommended.

- Plan for seams to run the length of major areas and parallel to, not across, the main traffic paths.
- Plan major seams so that natural light does not shine across them.
- Avoid seams at major pivot points or which intersect perpendicular to doorways and entrances.
- Corridors and halls should be laid lengthwise to minimize the number of seams and potential seam failure and to enhance pattern appearance.
- Reference points for direction of pile lay are odd colored threads on one side of the untrimmed selvage edge.
- Dye lot isolation and numerical roll sequence should be carefully followed when installing large areas.
- Pattern carpets will have the best texture and pattern match at seams when installed sequentially from the same roll and/or dye lot.

PLANNING AND LAYOUT (cont'd)

- Always allow extra carpet for pattern matching. Plan ahead by verifying roll lengths.
- Transition strips should be used where carpets meet alternate floor surfaces. Seam sealer should always be used where there is a potential for ravel or delamination of exposed edges.

SEAM CUTTING AND EDGE PREPARATION

Fortune Contract requires that all seams be row cut. Our patterned carpet will not be matchable unless this row cutting procedure is strictly observed on all carpet to be seamed. The steps required in row cutting involve opening a row at a predetermined point of pattern match with a flat blade screwdriver or other implement then cutting along that specific row using a loop pile cutter or cushion back cutter (i.e. Roberts 10-152 or 10-146). Patterns can then be aligned and matched by stretching with a power stretcher and/or knee kicker.

In **glue down** installations, a bead of **solvent based seam sealer** (usually an 1/8 inch diameter bead transfers to cover both edges) must be applied to amply cover both primary backings, yarn bundles, and secondary backings, but never contact the face fibers.

In **hot melt or hand sewn seams**, a quality latex or acrylic seam sealer adhesive **must be** applied to both seam edges prior to beginning the seaming process. The latex seam sealer should be applied to cover the primary backings, yarn bundles, and approximately 1/2" of the secondary backing in a process known as "buttering the seams". This seam sealer must be dry before making the seam since it is not compatible with the thermoplastic adhesive of the hot melt seaming tape while it is wet.

All **transition edges** where carpet meets other floor covering materials (such as marble or hardwood) a suitable edge trim transition strip is recommended, as well as a bead of seam sealer to protect against potential raveling or fraying associated with cleaning and heavy traffic common to such areas. **Following these requirements for seam sealer will greatly reduce the potential for edge ravel and delamination that precede carpet failure.**

CUSHION RECOMMENDATIONS

Proper cushion is extremely important to the performance of carpet. **No cushion in excess of 1/4" thick, or less than 10 lbs. per cubic ft. density may be used with Fortune Contract products.** Cushions that are too thick or too soft will cause excessive flexing of the carpet and result in seam failure, delamination, and restretching problems.

CLEANING INSTRUCTIONS

Hot Water Extraction is recommended in lieu of shampooing. CRI continually tests maintenance procedures and finds Hot Water Extraction to be the most effective cleaning procedure available today. **The carpet should be hot water extracted at least quarterly as needed.**

The use of rotary or bonnet brush heads during cleaning is not recommended by CRI and may result in pile distortion or untwisting of the fiber. Any damage onset in this manner will nullify any applicable warranties.

STRETCH-IN INSTALLATION

Fortune Contract recommends that Type 3 architectural tack strips be used with its products and that a Senior Power Stretcher be used to gain the optimum 1-1.5% of length and width final stretches. Details for this procedure are explained in CRI-104 and should be followed accordingly.

DIRECT GLUE INSTALLATION

Fortune Contract requires the use of premium environmentally safe low VOC adhesives. A minimum of 1/8" x 1/8" U notched trowel should be used for Action Bac products. Details for this procedure are also explained in CRI-104 and should be followed accordingly.

PATTERN MATCHING

On all installation types, it is necessary to use a power stretcher to handle the pattern matching process. Knee kickers should only be used in the initial positioning of the carpet, not the final stretch. Pattern carpet is a flexible textile product and may require special attention by the installer to achieve proper pattern match. Installation of patterned products normally requires more time and labor than non-patterned products, which should be considered in the original labor quotations. Acceptable pattern matches are obtainable on carpet produced within Fortune Contract stated tolerances. Fortune Contract cannot guarantee a perfect pattern match on its patterned products.

- Dry lay all pieces prior to adhering to subfloor. This allows for stretching shorter patterns to match longer ones, or the ability to relocate pieces for a more acceptable match.
- Once all the adjoining breadths are laid in place, adhere the elongated breadth to the floor. Lay carpet (short side) into "wet" adhesive so that the carpet will slide when the power stretch adjusting procedure is imposed to obtain pattern match.
- Pattern match seams at midpoint so that any pattern elongation and stretching may be corrected to each wall.
- Using two headed power stretcher or "dead man", stretch the short patterns to match the longer ones. Use stay nails to hold the stretched side on pattern and use knee kicker to close any gaps or push any fullness toward center of the carpet.
- For breadths exceeding 40 feet in length, it may be necessary to spread the adhesive and pattern match in sections to prevent the adhesive from grabbing too quickly. Leave stay nails in place until adhesive reaches full bonding strength.

FORTUNE CONTRACT TOLERANCES FOR PATTERNED PRODUCTS

Bowing: .75" in 12' width

Skewing: 1.5" in 12' width

Trueness of Edge: .50 in 12' length

Pattern Repeat: (1%) 1.44" in 12' or 2.88" in 24'

Construction Specifications: +/- 5% Standard Industry Tolerance

WARNING - Plastic sheeting should not be placed over any carpet installation as it may present a slip hazard. In addition, it may trap moisture, retarding adhesive cure and/or promoting mold and mildew growth and carpet discoloration.