

## INSTALLATION GUIDE

**1st Floor carpet tile** is intended for indoor flooring applications and in addition to this installation summary, the Carpet and Rug Institute's Standard for Installation of Commercial Carpet (CRI 104) must be followed. Failure to follow these guidelines may void product warranties and deficiencies shall become the responsibility of the installer.

Carefully inspect the carpet tile to ensure it is the correct specified product and for damage or defects prior to installation. Immediately contact the supplying dealer if any defects are found. 1st Floor carpet tile will not be responsible for claims of defects that were identifiable before installation. Please recycle the packaging material.

### SITE CONDITIONS

Install under permanent lighting to ensure proper inspection of the work as it proceeds. The carpet tile, adhesive, ambient and slab temperature must be maintained between 15 °C (60 °F) and 30 °C (85 °F) for 24 hours before and after the installation with a relative humidity between 10% and 65%. The concrete must be tested randomly throughout the site for moisture and alkalinity. Moisture emissions from the concrete slab must be determined by an Anhydrous Calcium Chloride test kit as per the ASTM 1869 test procedure and must not exceed 3lbs/1000ft<sup>2</sup>/24hrs. The necessary pH range is 5 – 9.

### FLOOR PREPARATION

The floor must be clean and free of all foreign matter: dust, grease, oil, wax, finish, old adhesives or any other material that might interfere with the overall bond strength of the adhesive. Concrete should be level to ACI 301 specifications with all cracks and holes patched with an appropriate levelling compound. Ensure wood, plywood or particleboard subfloors are secure and all cracks, holes and seams are filled with an appropriate levelling compound. We recommend the use of a primer for increased adhesive coverage. When installed over hard surfaces, ensure the existing floor is secure and smooth. Remove all floor finish to prevent the possibility of a reaction with the adhesive. **WARNING** – the existing floor may contain asbestos or other hazardous material which may require specific removal procedures.



## INSTALLATION

Apply a full spread of **1st Floor** Recommended Water-soluble Adhesive with a paint roller or spray system. Allow the adhesive to dry (flash off). The adhesive should not transfer to the back of the tile.

With a chalk line, create a center line and a perpendicular line using a 3, 4, 5 right triangle (figure 1). Ensure the two lines are oriented to minimize waste. Using the chalk lines as a guide, lay the tile in a stair step or pyramid pattern completing one quadrant at a time (figure 2). Check the arrow on the back of each tile to make certain that the tile is laid in the correct direction for the intended pattern.

Take care not to trap surface pile between tiles causing gapes. Avoid jamming tiles together to prevent peaking at the seams. Maintain a growth tolerance of 6mm (") over five meters (10 tiles) in each direction. Trim any edge fuzz with carpet shears. Cut the tile from the back with an appropriate sharp utility knife for obstructions and perimeter fills.

Inspect the installation and correct any deficiencies. Vacuum the installation with a motorized brush head machine. Chair pads are recommended under roller casters. Our mutual customer's satisfaction is dependent on your skills and commitment to quality workmanship. Thank you for your attention to detail.

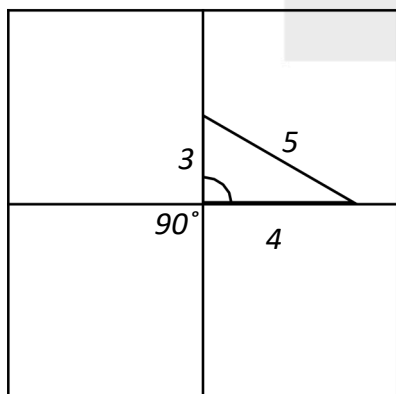


Figure 1

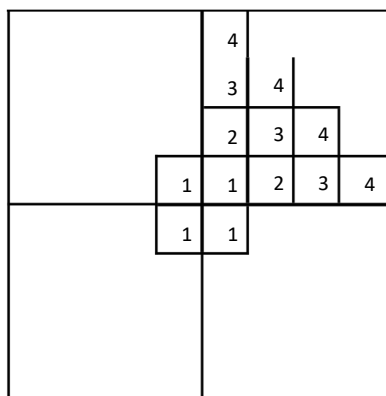


Figure 2

