



Joy Carpets & Co.

## StayTac™ Backing System

### Overview:

StayTac™ is a proprietary backing system combining the support, cushion, and noise reduction of an attached pad with a high-friction coating technology designed to keep the carpet tile firmly in place following installation.

### Attached Cushion:

The StayTac™ attached cushion is a PVC-free, polyurethane commercial cushion that provides support to the face fiber of the carpet tile, enhancing appearance retention, durability, noise reduction, and increasing comfort underfoot. The cushion also includes an integral fiberglass layer that provides dimensional stability to the tile, eliminates cupping and curling, and acts as a functional liquid barrier. This barrier is particularly beneficial when used in facilities with high occurrences of spills. Dirt and moisture cannot enter the carpet backing, thereby reducing residual carpet odors and staining due to wick-back. The moisture barrier also allows for aggressive carpet cleaning programs using the hot-water extraction method.



### High-Friction Coating:

The high-friction StayTac™ coating is a cost-effective, no hassle, environmentally friendly way to install commercial carpet tile compared to wet adhesive and peel-and-stick methods. Benefits include:

1. Reduces or eliminates time needed to prime or seal the floor.
2. Reduces or eliminates adhesive cost.
3. Reduces or eliminates time spent spreading wet adhesive.
4. Reduces or eliminates wet adhesive drying time.
5. Reduces or eliminates film waste and time spent removing and disposing of film used with peel-and-stick systems.
6. Reduces or eliminates VOC off-gassing typically associated with floor sealants and adhesives.
7. Adhesion bond strength is effective on flooring with water vapor emission levels of 8 lbs. or less.
8. Simplifies removal and repositioning of tile.
9. Reduces or eliminates damage to raised access floors and high-quality sub-floors, leaving little or no residue.
10. Tiles can be lifted and replaced without losing traction effect, making it convenient for use over raised access flooring.

### Applications:

Carpet tile with StayTac™ is ideally suited for use in commercial office, retail, institutional, and public spaces. When properly installed over a suitable sub-floor, StayTac™ performs very well under normal foot traffic and medium wheeled traffic.

### Limitations

In facilities where walls are not flush to the floor and in areas with heavy rolling traffic or inclined flooring, StayTac™ requires supplemental adhesive or double-sided tape. Supplemental adhesive is also required for partial or cut-down tiles less than 12"x12" in size; details are outlined in Joy Carpets' StayTac™ Installation instructions. StayTac™ is not designed for use on stairs or in areas that might experience significant exposure to moisture such as entry areas, bathroom facilities and vestibules. StayTac™ is not appropriate for use outdoors.

Every installation project should be performed by a professional installation contractor, with reference to Joy Carpets' StayTac™ Installation Instructions, in order to determine how StayTac™ should be utilized to meet customer requirements.