

Installation Guide

Quadrant Commercial Carpet Tiles

These guidelines are for experienced installers. Adherence to these procedures should result in a quality installation. Quadrant will not be responsible for poor workmanship or problems created by improper site conditions or installation. Quadrant will be responsible, within the scope of the product specifications and warranties, for defective materials, but that does not include materials installed with defects identified prior to installation. If these instructions do not cover a particular site condition or if you require further information please contact Customer Services.

Prior to Installation

Quadrant cannot accept responsibility for claims arising from product that has not been specified or installed in accordance with our guidelines. Please be aware that we recommend specific installation methods for each product and colourway. Where multiple options are recommended we suggest that specifiers lay a trial area prior to the main installation and instruct the installers as to their preferred choice. We also recommend specific adhesives for horizontal and vertical surfaces.

Our installation method recommendations for each product & individual colours, together with our adhesive recommendations, are detailed on the product specification which is available to download from www.quadmod.com/support.aspx or from Customer Services.

Installation

- Quadrant requires that all modular carpets be installed with a full spread tackifier adhesive strictly in accordance with the manufacturer's recommendations (see adhesive recommendations).
- Carpet tiles, sheet material & broadloom must be conditioned in the area in which they are to be laid at least 24 hours before installation. The ambient temperature within the area during conditioning and installation should not exceed 23°C or fall below 13°C and Relative Humidity should be maintained between 50% and 70%. These conditions must be maintained throughout the installation.
- Once installed the temperature within the area must be maintained between 10°C and 23°C and Relative Humidity should never exceed 65% or fall below 50% regardless of the age of the installation as this may result in curling, dish or shrinkage.
- Carpet tile boxes are individually labelled with a dyelot number. Dyelots should not be mixed unless authorised by the specifier.
- Installers should check which method of installation (pile direction) is required by the specifier prior to commencement. Quadrant make specific recommendations based on product and colour and it is the installer's responsibility to ensure that the method used complies with our recommendations.
- Care should be taken when handling carpet tile boxes to avoid damage. When stored, boxes should be stacked squarely and the stacks should not exceed 6 boxes high.
- All other construction trades should have their work completed and the area should be a clean, dust free environment.
- The type and condition of the subfloor has a direct influence on the installation and performance of a floorcovering and the importance of subfloor preparation cannot be emphasised too strongly.
- Raised floor panels should be clean, smooth and dust free prior to installation. Ensure that the panels are horizontally aligned as irregularities will cause the tile joints to remain prominent.
- Measure the area to find the best setting out point that would utilise a maximum size perimeter tile. In some cases, due to doorways or partitions, the "starting point" is not the centre of the room. After selecting the starting point, snap chalk lines to bisect this point at right angles. In order to check the right angle mark a point exactly 3 metres from the starting point along one of the chalk lines and 4 metres on the bisecting line. The measurement between the two should be exactly 5 metres.
- Adhesive should be applied strictly in accordance with the manufacturer's recommendations to the whole floor area to receive carpet tiles. It is advisable to restrict the application to an area that can be completed without long interruption. Particular care should be taken when applying adhesive to raised floor modules to avoid surplus adhesive collecting in the joints between the panels.
- After the adhesive has dried begin the installation at the intersection of the chalk lines. Complete the installation one quarter area at a time laying the tiles firmly and accurately along the anchor lines. Remaining tiles in the quadrant should be installed using the stair step method.
- A tight installation without compression is required, however care should be taken to avoid exerting excessive pressure when butting one tile against another. This can result in peaked or buckled joints. Additionally, when installing cut pile carpet tiles, brush back the pile at the edges and tip into place. This avoids trapping pile fibre between tiles which accentuates joints.
- As each tile is installed ensure that the installation remains "square" and conforms to the chalk lines.
- Perimeter tiles should be cut from the back using a straight edge and a sharp blade. With the tile face side down, accurately measure and mark the tile on the backing. Using a carpet knife and straight edge, cut through the backing.
- To avoid disruption do not walk on or move furniture onto the carpet tiles until the area is completely anchored. Roll the entire area with a 75-100 lb roller. Protect all completed areas as necessary to avoid damaging the carpets.
- When installing carpet tiles on stairs, nosings should be used. Pile direction should face inwards on the treads and downwards on the risers.