

These guidelines are for experienced installers. Adherence to these procedures should result in a quality installation. Quadrant will not be responsible for poor workmanship, problems created by improper site conditions or installation, improper subfloors, improper applications, adhesives, varnishes and the use of maintenance products not recommended, or detectable defects verifiable prior to 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.

PRE-INSTALLATION

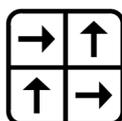
- Care should be taken when handling materials to avoid damage. When stored, materials should be stacked flat & square, with no overhang, and stacks should not be so high that they become unstable or place undue pressure on the bottom boxes. Boxes should never be stacked on their side. Protect the flooring from extreme temperatures.
- Materials are individually labelled with a batch number. Batches should not be mixed unless authorised by the specifier.
- All materials must be conditioned in the area in which they are to be laid for at least 48 hours before installation. The ambient temperature within the area during conditioning and installation should not exceed 23°C or fall below 18°C and Relative Humidity should be maintained between 50% and 75%. These conditions must be maintained throughout the installation and for a minimum of 48 hours after installation.
- Our woven vinyl floors are suitable for use over underfloor heating systems. The heating should be switched off at least 48 hours prior to installation, and remain switched off throughout the installation. After installation the surface temperature should be gradually increased to operating temperature and should never exceed 28°C (82°F).
- The installer is responsible for ensuring that the installation option used complies with our recommendations and the instructions of the specifier (see INSTALLATION OPTIONS below).
- Prior to beginning the installation all other trades should have their work completed and the area should be clear, clean and dust free.
- Only remove outer packaging when ready to install the materials.
- Inspect the materials in daylight for any visible faults or damage and report any visible faults to Quadrant immediately and do not install the affected materials.

SUBFLOOR

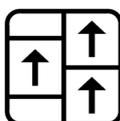
- Subfloors should be prepared in accordance with BS 5325 or corresponding national and European standards.
- All traces of previous floorcoverings and adhesives must be completely removed to reveal the original subfloor. Our woven vinyl floors cannot be laid over old textile or vinyl floorcoverings. Only in limited cases where the existing flooring is solid and non-absorbent (for example ceramic tiles) can our flooring be installed over an existing floorcovering, subject to suitable preparation of the surface.
- The subfloor must be level, clean, dry, smooth and crack-free and free from surface contaminants such as grease. The surface should be moisture-free. Subfloors that do not meet these criteria will require additional surface preparation to ensure a perfect installation.
- Our woven vinyl tiles are suitable for installation directly onto raised access floors providing the panels are clean, smooth and dust free, and the panels are level and horizontally aligned. Any discrepancies in levels and any surface defects are likely to show through the flooring and prevent joints from settling properly. For the best results we recommend the use of a plywood and/or latex underlayment when installing our woven vinyl tiles over a raised access floor.
- Our woven vinyl sheet products are not suitable for installation directly onto raised access floors without the use of a plywood and/or latex underlayment.
- The final appearance of your flooring depends on the quality of the subfloor.

INSTALLATION OPTIONS

For each product we recommend specific installation options. The specifier should select the preferred option for the installation and advise the installers accordingly. The recommended options for each product are detailed on the product specification sheet which can be viewed or downloaded from www.quadmod.com/downloads/specifications/



Tile
QUARTER TURN



Tile
ASHLAR



Sheet
DIRECT STICK

ADHESIVES

We recommend the following adhesives for fixing our woven vinyl flooring to horizontal surfaces. Other adhesives may be used providing they are of a similar specification and quality.

- Ntgrate Tackifier (tiles)
- Ntgrate Permanent (sheet)
- Werner Muller Cold Weld Type A-C (sheet)

INSTALLATION—Woven Vinyl Tiles

- We recommend that our woven vinyl tiles are installed Quarter Turn or Ashlar. All tiles are clearly marked on the back with an arrow denoting the pile direction. Installers should check which method of installation is required prior to commencement. Quadrant make specific recommendations and it is the installer's responsibility to ensure that the method used complies with our recommendations.
- There can be a significant variation in appearance of tiles depending on the installed pile direction in relation to the main natural light source. Specifiers and installers should take into account incoming light when deciding which installation method to choose.
- 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 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. As each tile is installed ensure that the installation remains "square" and conforms to the chalk lines.
- Perimeter tiles should be cut 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.

INSTALLATION—Woven Vinyl Sheet

- There can be a significant variation in appearance of material depending on the installed pile direction in relation to the main natural light source. Specifiers and installers should take into account incoming light when deciding which installation method to choose. When planning your installation limit the number of seams to a minimum. In high traffic areas install the sheet flooring with the pile direction in the direction of the main traffic flow.
- During the installation process white fibre glass fibres may appear. These will spontaneously break off in use, but they can be removed by gently rubbing with a damp cloth.
- Once acclimatised dry cut the woven vinyl sheet flooring to size, ensuring at all times that you have sufficient overlap on the joints between adjacent sheets (5cm)
- Fold back half the sheet of flooring and apply the recommended adhesive to the floor following the manufacturers recommendations. Once the adhesive has cured sufficiently fold the sheet flooring back into place.
- Fold back the unglued half of the sheet flooring and apply adhesive to the remaining area. Once cured fold the sheet flooring back into place.
- Before double cutting the seams roll the entire surface with a cork beam or pressure roller (minimum 50kg) to increase the contact between the adhesive and the floorcovering and to remove air bubbles. Rub from the centre of each sheet to the edges.
- Place a straight edge along the seam and using a sharp blade cut through both sheets.
- If a watertight installation is required seams should be cold-welded. Cold weld melts the floorcovering at room temperature, so incorrect application could cause irreparable damage to the floorcovering. We strongly advise that you familiarise yourself with the manufacturers application recommendations and also that you test the welding liquid before beginning the main installation. We recommend that seams are cut after the adhesive has dried completely.
- Apply masking tape to the length of the seam to protect the sheet flooring and then, using a circular blade cut a groove down the length of the seam, apply the cold weld over the masking tape into the groove. Once dry, remove the masking tape.
- Once installed it is advised not to use the floor until the adhesive has fully cured. As a guide foot traffic should be avoided for 24 hours after completion, and furniture movement should be avoided for 48 hours. Do not drag heavy objects across your floor and always place some kind of protection between an object and the floor when performing movements.

BEFORE USE

- Once installed it is advised not to use the floor until the adhesive has fully cured. As a guide foot traffic should be avoided for 6 hours after completion, and furniture movement should be avoided for 48 hours. Do not drag heavy objects across your floor and always place some kind of protection between an object and the floor when performing movements.
- Before using your flooring we recommend you vacuum the entire area thoroughly to remove dust and dirt, and mop the floor with a lukewarm neutral soap solution.
- Some white fibres (glass fibre) may remain visible at the seams. These will spontaneously break off during use, or they can be removed by hand by rubbing the tile edge with a clean, damp cloth.
- When using castor chairs, hard wheels are recommended, and plastic chair mats should be considered.
- Protect your flooring immediately after installation to avoid unnecessary damage by other trades.
- Contact rubber materials (eg. Tyres and rubber floor mats) should be avoided as prolonged contact with woven vinyl flooring will stain permanently.