



altro

# Installation instructions for Altro Quartz Tile™

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For more comprehensive recommendations and instructions please review [Altro's flooring installation guide](#).

## Adhesives

Altro Quartz tile may be installed with Altro Ecofix+, or Altro Ecofix 65 Spray adhesive.

### Using Altro EcoFix+ adhesive

- ASTM F-2170 relative humidity (RH) test results can not exceed 99%.
- Spread adhesive using a 1/16" x 1/32" x 1/32" U notch trowel. (FFA)
- Wait 30-60 minutes after adhesive is spread to allow flash off. Adhesive will darken to visually cue installer. (Flash time, working time, set, and curing time is dependent upon temperature, airflow, humidity, substrate, and its absorbency).
- Working time is 3 hours.
- Roll floor immediately with 75-100lb roller.
- Floor is open to Immediate light traffic, wait 24 hours for heavy traffic, and 48 hours heavy rolling loads.

### Using Altro Ecofix 65 Spray adhesive

- ASTM F-2170 relative humidity (RH) test results must not exceed 98%.
- Before use, be sure to shake can of Altro Ecofix 65 Spray well.
- Spray from a standing position, holding can 20-30 inches (50-70cm) from floor.
- Protect walls from overspray with a spray shield or a piece of cardboard.
- Allow adhesive to dry to the touch. Test this by lightly touching the adhesive - there should be no adhesive transfer to your fingers. Too much adhesive or high humidity will increase dry time.
- Open working time after tack is 4 hours.
- Roll floor immediately with a 75-100 lb. roller.
- Floor is open to all traffic immediately after installation.

- Clean up with a damp cloth for wet overspray.
- Use mineral spirits for dry overspray.

## Job site/Acclimation

HVAC must be in permanent operation prior to installation. The installation area and Altro materials must be maintained and installed at a minimum of 68°F (20°C) and a maximum of 85°F (29°C). Slab temperature must be between 65°F (18°C) and 80°F (27°C). Avoid extreme relative humidity levels.

## Tile layout

- In laying out commercial installations of Altro Quartz Tile (large open areas, hallways, etc.), the use of a transit or laser is recommended to strike guidelines.
- The lines should be positioned so that tile will be used economically with as little waste as possible.
- Installations in long hallways with adjoining rooms should be carefully planned to provide for one half the tile width along walls and in the doorways if possible.
- Tile size may be altered in doorways to allow for adjustments in adjoining rooms.
- In smaller rooms where all border areas are plainly visible, care should be taken so that border tiles are uniform in width and as large as possible.

## Laying tile

**Please note: Different tile production runs and different batches tile will have unique layout and directional requirements.**

**Failure to follow the tile layout and directional instructions that have been provided with your individual tile order may result in shading or appearance of different gloss levels.**

- Failure to follow these instructions can result in shading or appearance of different gloss levels. This out of shade condition will in fact not affect the tiles wear performance, however, it may be a visual complaint of which Altro cannot take responsibility.

- Lay tiles in a pyramid fashion, making sure each tile is firmly butted to the tiles laid before. In some cases tile run-off may occur due to uneven subfloor surfaces. To correct this, snap a new chalk line ¼ inch less than the next full tile size. Cut tile to fit along the new chalk line. Continue installing tile from this new straight line.
- Terminate flooring at centerline under doors or where adjacent floor finish is different.
- Install reducer strips at unprotected or exposed edges where flooring stops.
- Scribe flooring to walls, columns, cabinets, floor outlets and other stationary objects to produce tight joints.
- Install flooring under movable partitions and under open cabinets without interrupting tile pattern.
- Roll and cross roll entire flooring with a 100 lb. floor roller. Failure to do so may result in trowel ridge telegraphing and poor adhesive bond.
- Tungsten carbide-tipped scoring knives are recommended for scoring and snapping straight cuts - 24 inch tile cutters may be used, although the blade life will be reduced.

## Protection

- Equip all heavy furniture, appliances and carts with soft, non-staining casters or rests of sufficient size to meet static load resistance requirements.
- Use plywood panels to protect flooring from damage that may occur when moving heavy objects over flooring.
- Flooring should be covered and protected from all other trades during construction with a suitable non-staining protective covering such as Masonite™ or Ram Board®.

## Tile alignment, sequencing, coloring and shading

Quartz is a naturally occurring mineral and it can be challenging at times to achieve consistent color matching during the manufacturing of quartz floor tiles, especially in lighter colors. Therefore, Altro recommends installing Altro Quartz Tile (AQT) using a specific tile pattern layout in areas where color consistency is a concern.

When installing AQT in a monolithic layout, please be sure to follow the layout and directional instructions that have been provided with your individual tile order, failure to do so may result in shading or appearance of different gloss levels.

## Batch sequencing

AQT is manufactured in daily production runs consisting of one or more batches. Each SKU number, color name, daily production run and batch from that run are identified on the AQT carton labels. Before installation, and to achieve optimum visual results, installers must review the shipping papers and carton labels to plan the floor's layout by sequential batch number – keeping sequential batches adjacent, in sequence, in the layout. This is most important in large open floor areas where multiple batches are installed.

## AQT Label Data Points

1. AQT SKU numbers and color names match those found in running line AQT products:
  - a. Example: AQT 9301 Chalk
2. The daily production run is indicated by a sequential numeric date code:
  - a. Example: 20181015 (October 15, 2018)
3. Batches are identified by an Alpha letter following the production run number:
  - a. Example: A, B, C, D, etc.

A higher degree of color consistency occurs when batches from the same daily production run are installed in order of sequence. "A" is installed first, "B" second, "C" third, etc. Batches from different daily production runs may not perfectly match those from another daily production run. Altro recommends dry laying tiles from different daily production runs and inspecting them for color consistency with each different daily production run, before installing or spreading glue. The same should be done for batches that are not available in sequence.

If mixing non-sequential batches in a large open area or long corridor with no pattern breaks, dry lay tiles from each batch to inspect the tiles for consistency. After laying out the tiles, if the tile-to-tile color match is not as expected, please stop installation and contact Altro immediately by calling **USA: 800.377.5597** or **Canada: 800.565.4658** or by email to [support@altrofloors.com](mailto:support@altrofloors.com). Altro will assist with an available solution.

## Warranty

Altro's Warranty will consider product claims on materials that have not been installed. Returns and exchanges will be considered for materials returned undamaged in original cartons. Any color consistency claims made after the material is installed will be the responsibility of the installer.