Homogeneous Vinyl Tile

SEAM WELDING INSTRUCTIONS

Creative Terrain HVT

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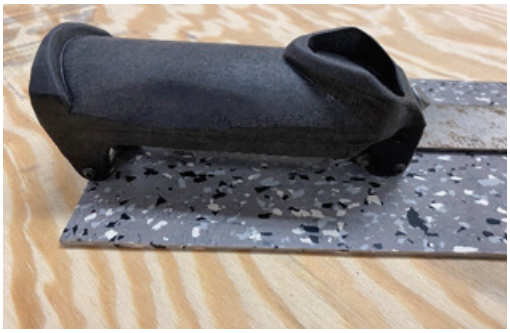
Read and understand the floor preparation of concrete, following the recommendations before installing. Choose the correct adhesive application for the condition of the floor. Let the floor dry 24 hours after the installation of your pre grooved tiles. Center the lay out for good visual appearance. Roll the flooring with a 150 lb roller, following the installation and maintenance recommendations. Remove the tile from the carton and store flat in small stacks at a temperature of at least 70°F. This allows the tile to adjust to room temperature. The tile will then lay flat and conform to the contour of the sub-floor when installed.

The basic tools needed for seam welding:

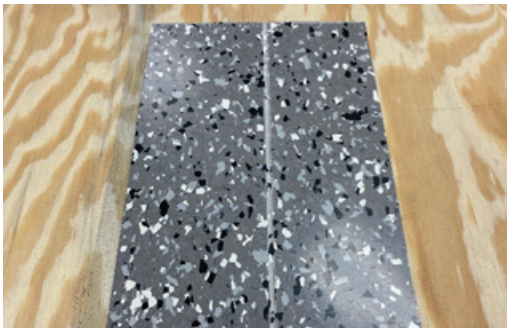
- Groover
- Groover blades
- Hot air weld tool
- 4mm bead nozzle
- Height guide plate
- Spatula knife



Do a test cut on the tile to check the depth of your groover tool on a sample piece of tile.

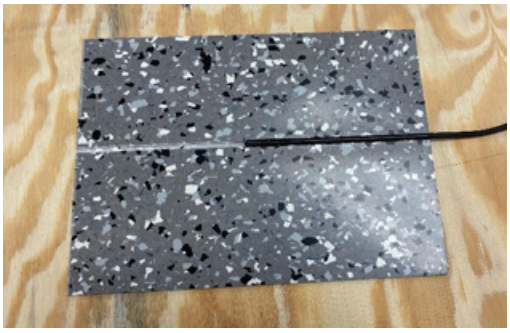
Lay out the field so that the last section ends at least half the length of the tile from the wall to allow space for the use of a router and hot air welding tool around the perimeter of the room.

Check the depth of your router cut with a depth gauge and make an adjustment to remove .060". Roughly ½ the thickness of the tile.



Create a seam weld sample to experiment on achieving the optimum melt flow for your floor conditions.

Practice on a test piece to get the temperature and speed correct.



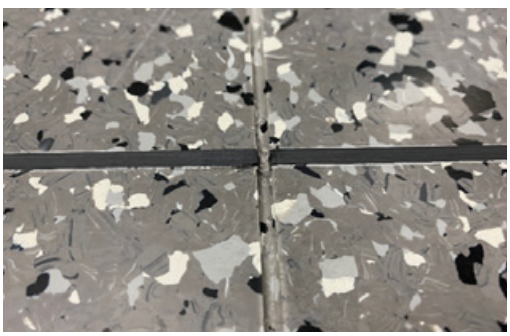
Practice using your floor spatula knife and floor height glide plate for trimming excess material away.

Router all field seams in one direction only, being careful to keep the groove centered on the seam as closely as possible. Use chamfering plane to router cove pieces where the route cannot be operated.

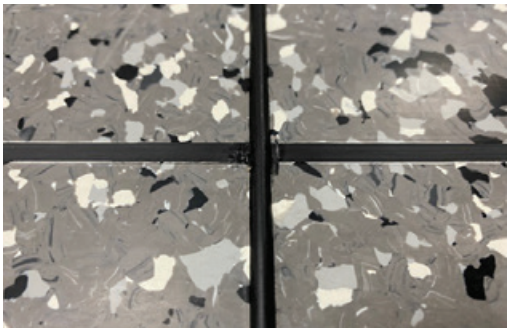
Vaccum all seams to eliminate welding problems and open seams.

Beginners may find it easier to work with a lower heat. However, with experience, welding will be faster with a higher heat. A lower heat is for correcting mistakes or welding in awkward places. A good weld is achieved when a small amount of melted bead overflows along the edges of the groove.

Remove the excess bead from one direction before working the bead from the opposite direction.



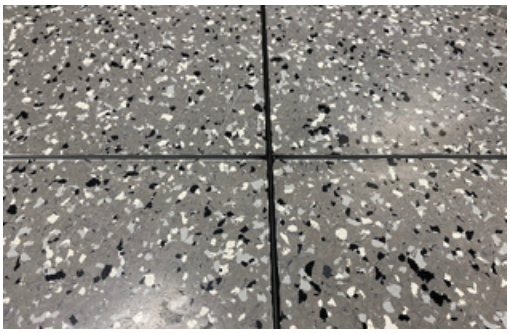
Angle cut or router your bead at the junctions to make it easier to weld in the opposite direction.



A lower heat is recommended for correcting mistakes or welding in awkward places. A good weld is achieved when a small amount of melted bead overflows along the edges of the groove.

After the weld has cooled, shave off the excess bead with a spatula and height guide. If the bead is shaved before it has cooled, it will shrink below the surface of the flooring. Keep the spatula sharp by periodic honing with a fine sharpening stone.

After welding and trimming all the seams in one direction, repeat the router procedure, welding, and trimming procedures on all seams running in the opposite direction.



Weld in the opposite direction. Let cool before trimming the extra away.

While seamless installations are usually flash coved, top set cove base or other treatment may be used at the floor-wall junction. In these instances, use a chamfering plane to finish the groove close to the wall where the router cannot be operated.

After heat welding steps are complete, finalize the floor by following the initial maintenance system. Please refer to the Mohawk Group HVT Installation Instructions for the initial maintenance instructions.

If a high gloss is desired, please refer to the Optional Maintenance Finishes section in the Mohawk Group HVT Installation Instructions.