



Homogeneous Vinyl Tile

SEAM WELDING INSTRUCTIONS

Creative Terrain HVT

Prior to installation, read and understand the proper subfloor preparation steps as noted in our Homogeneous Vinyl Tile Installation Instructions (found on our website) and follow them closely.

TOOLS

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



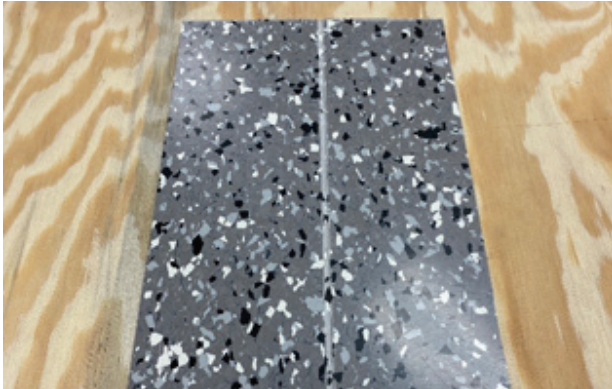
INSTALLATION



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



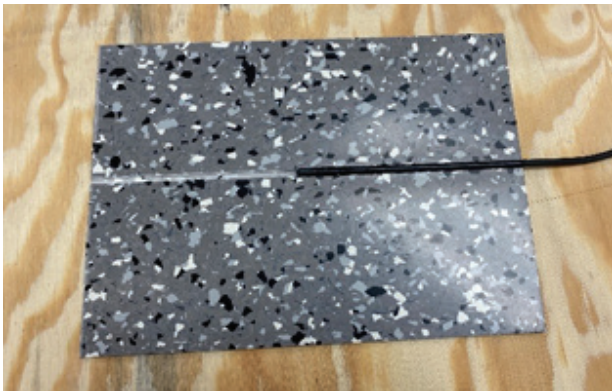
2. Lay out the field tile so that the last section ends at least half the length of the tile from the wall to allow space for the use of a router and hot air welding tool around the perimeter of the room.
3. Check the depth of your router cut with a depth gauge and make an adjustment to remove .060". Roughly ½ the thickness of the tile.



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



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



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



7. All field seams should be routed in one direction only, being careful to keep the groove centered as closely as possible on the seam. Use a chamfering plane to router cove pieces where the router cannot be operated.



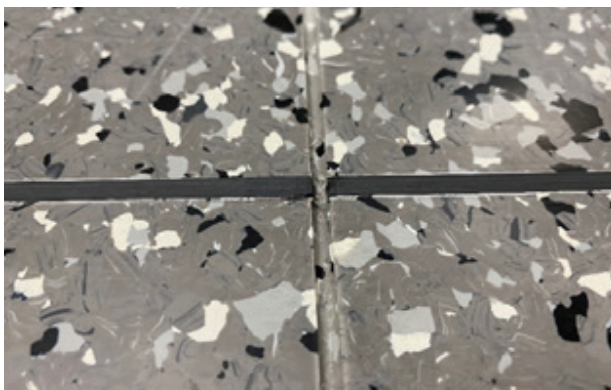
8. Vacuum all seams to eliminate welding problems and the potential for open seams.



9. Beginners may find it easier to work with a lower heat setting. However, with experience, welding will be faster with a higher heat setting. A lower heat setting 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.



10. Remove the excess bead from one direction.



11. A good weld is achieved when a small amount of melted bead overflows along the edges of the groove.



12. 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.



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



14. Weld in the opposite direction. Let cool before trimming the extra away.
15. 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.



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



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

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