



GUIDELINES FOR GLUING ECOTILE

TO BE READ IN CONJUNCTION WITH THE ADHESIVE MANUFACTURERS DATA SHEET AND THE RELEVANT MSDS

IMPORTANT – PLEASE READ BEFORE DECIDING IF YOU WISH TO GLUE OR LOOSE LAY YOUR FLOOR

EcoTile is intended to be loose laid without the need for adhesive. Our interlocking tiles have been designed to provide a solution for floors where adhering a floor covering or applying a resin based system to the original substrate either impossible, due to but not limited to, damp, contamination, dusty or weak substrate etc. OR where the down time and disruption that would be involved in preparing the existing floor to allow a glued down or resin based system to be installed.

However, there are certain situations where an adhesive is recommended **BUT** in the circumstances explained above (damp, contamination, dusty or weak substrates) we cannot and do not warrant the adhesive properties of the adhesive to the substrate for obvious reasons.

An adhesive may be required, recommended or opted for by the customer in the following circumstances:

- a. Where the tiles will be installed and exposed to direct sunlight or an external heat source (roof lights, ambient heaters, utilities and especially hot water supplies or hot waste water running through drains under the floor) that may cause the tiles in that area to expand or shrink at a different rate to the tiles in the surrounding area.
- b. Where there are heavy loads or vehicle traffic (pallet trucks, fork trucks, Bendi trucks, aisle stackers etc.) that are carrying loads with either a high point load (extended forks or three wheel electric trucks with a single or twin drive wheel located under the battery compartment for example).
- c. Where they are tight turning circles (at the end of an aisle of racking) or where trucks need to manoeuvre between narrow racking for example.
- d. Where vehicle follow a very specific route in only one direction (e.g. Automatic guided vehicles) which may over time cause the tiles to ripple in one direction only.
- e. To mitigate or limit the potential for liquids to seep through the points of the tiles (for examples wet areas, sluice rooms, areas prone to oil spills and leaks. By using an adhesive you will help seal the undersection of the joint to minimise the risk of excessive amounts of liquids seeping through the joints but we are unable to provide any guarantee or make any claim that the tiles will provide a liquid proof or seamless seal.

Please note that this list of examples is not exhaustive and is provided for guidance only.

Installation Guidelines when using adhesive:

1. Prepare the floor as best as possible by cleaning with a heavy duty degreaser and remove as much loose or flaking old coverings such as old paint or adhesive as possible.
2. For areas less than 50m² / with lots of cuts lay the tiles before moving to step 4.
3. For large areas lay out the first tiles until you are confident that they are square then move to step 4 and glue as you go along.
4. Mix resin and hardener together mechanically with a mixing drill and paddle until no streaks can be seen.
5. Pour approximately 10% of the mixture on to the floor and spread with a 2ml V notch trowel.
6. Lay the tiles and connect the lugs by tapping with a rubber mallet.
7. If any excess glue seeps up through the joints clean off immediately with industrial hand wipes.

NB: The pot life of the adhesive is 30 minutes once mixed.