



**ARMORPOXY**

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## INSTALLATION INSTRUCTIONS

### PREPARATION

- Supratile must be left at room temperature for 24 hours prior to installation. If the tiles are cold, they will not flex properly. Room temp should be maintained between 70-80 degrees. If the tiles are going to be installed in an area that is not conditioned (garages, non heated or cooled spaces, etc) the tiles should be installed when the temperatures are on the cooler side, and not on a hot day or in the sun as when they cool contraction could occur causing gaps in the joints).
- Remove as much equipment as possible from the area to minimize cutting and trimming.
- Thoroughly sweep any debris, dirt, etc from the surface.
- Fill any cracks, spalls, holes, etc larger than a quarter with a skim coat product available locally. Large expansion joints should be filled with a flexible joint filler.

### INSTALLATION:

**-USING WITH INTERLOCKING RAMP EDGING:** If you are using interlocking ramp edging the project should be started at that point. Mark the point that you want to start the edge at. Use a standard rubber mallet for joining the tiles. Start the low side of the ramp edge at that point. For a garage, start at the inside point of the garage door gasket, as if you lay the SupraTiles under the garage door, the height may trigger the automatic safety mechanism and your door won't close. Attach the tiles to the edging, making sure to hold a perfectly straight line left to right. A chalk line is helpful for this. **NOTE: If the tiles are not perfectly straight as you go farther away from the starting point, they will buckle and not interlock properly, necessitating the need for adjustment.**

Work your way back and to the sides. Do not do any trimming until the floor is mostly completed, as if you pre-trim and then have to adjust the floor a bit, you will waste cut tiles.

When you reach the walls, columns, etc you can trim the tiles with any small electric saw with a fine tooth blade. The 4.5mm series can be cut with a good pair of snips. Leave about ¼" of space between the walls and columns and the tiles to allow the floor to expand and contract. Fitting the floor too tightly can cause it to buckle when it gets warm due to expansion.

**-USING WITHOUT RAMP EDGING OR WITH NON INTERLOCKING EDGING:** For these applications you can start at the middle of the room and work your way outwards. The same procedures and notes from above apply. Non interlocking edging is applied with 'Liquid Nails' type adhesive as required.

**SUPRATILE ADHESIVE:** Normally adhesive is not required. Adhesive is used when heavy point loads are encountered (electric 3 point pallet jacks, heavy dollies with small wheels, etc.), Exposure to large temperature swings and sunlight, turning tires on the tiles with tight maneuvers, and certain cold temperature applications may necessitate adhesive.

*HINT: We recommend laying down a large portion of your floor first to make sure it is perfectly aligned before gluing. The reason for this is that if you need to make an adjustment, it's almost impossible to do once the adhesive is down. We recommend laying a large portion, then once you are satisfied it's straight and aligned, go back to the beginning and remove a few tiles, apply the adhesive, then re-apply them and work your way through the floor, this method, while a bit of extra work keeps everything perfectly aligned.*

If you find that after you have installed your floor that it needs adhesive, it is perfectly fine to pick up those areas, and glue down where the adhesive is needed such as main aisles, loading docks, etc, and then let the rest of the floor 'float' from the glued-down area.

Supratile offers two types of adhesive. A 1 part 'foaming' adhesive for general use and a super-duty 2 part epoxy adhesive.

Foaming Adhesive: Apply the Supratile the adhesive in a nice, even thin coat using a low nap roller or 1/8" notched squeegee. NOTE: SupraTile adhesive is a 'foaming' type adhesive similar to 'Gorilla Glue', and hence do not over-apply as it will foam through the joints. If this does occur, do not wipe while wet if adhesive appears through the joints as this could stain the tiles, but allow the adhesive to dry fully and then simply knock it off the next day with a small putty or spackle tool.

2-Part Epoxy Adhesive: **Please note that this adhesive is very strong and if you mis-align the tiles they will be very difficult to remove, hence the reason why we recommend laying down the floor first, getting it all trimmed and adjusted, and then picking up the floor in sections and re-laying using the surrounding tiles to assure proper alignment.**

The epoxy adhesive has a short working time of about 30 minutes before it starts thickening and becomes more difficult to apply. For this reason we recommend planning in advance BEFORE you mix the adhesive which area you are applying it to and removing those tiles to expose that area. This way you are not delayed in the removal process. Pour part B hardener into short filled tub of part A. Mix thoroughly with a mechanical mixer and drill to get a fully even mixture. No brown lines or streaks should remain. Make sure to move the mixer along the sides and bottom to get all material mixed with the part B. Once mixed apply to the exposed floor area with a 1/16" notched hand trowel. After applying contents of the mixture to the area re-lay the tiles using the surrounding tiles for alignment. Any adhesive that oozes through the joints should be quickly wiped up with paper towel and Xylene (xylol). After completing this section, repeat process to affix the next area.

**PROTECTIVE TOPCOAT:** We offer a high performance urethane protective topcoat which offers additional protection against staining, fluids, dirt, rubber marks, etc. Use of

the topcoat is optional, and it can be applied at any time. Follow directions on the cans for application. Lighter color tiles are more subject to marking without topcoat.