



130 South 2nd St.
North Bay Shore, NY 11706
(631) 254-6240 (800) 966-5142 Fax: (631) 595-2537



MARINE EPOXY 250 - APPLICATION INSTRUCTIONS

SURFACE PREPARATION: CONCRETE

Concrete should be structurally sound, free of dust, dirt, loose paint. Concrete should be shot blasted, or scarified for the best result.

New concrete can be acid etched with a 25% Muriatic acid followed by a three time cleaning with fresh water. Wait for the floor to dry before you apply the liquid epoxy.

All hair-line cracks, holes, broken surfaces should be repaired and patched with epoxy compound mixed with quartz. All the patches should be dry and sanded before you apply the liquid epoxy.

SURFACE PREPARATION: WOOD

Wood should be strong. There can be no flex in the floor. Put enough screws into floor (every linear foot should be screwed down). Patch all the seams with epoxy compound. Preferably use fiberglass tape (4" width) on all the seams. That will make the seams strong and help prevent cracking at the seams. Put the epoxy gel on the seams with putty spatula. Lay down the fiberglass. Press it down. Apply epoxy compound on the top and feather it out with the spatula. Let it cure. Sand it. Clean it and apply the liquid epoxy.

MIXING RATIO

For your convenience the Mixing ratio is 2 Part Base : 1 Part Hardener by Volume.

MIXING

1. Use a drill with jiffy Mixer at slow speed (200 RPM). **Mix thoroughly scraping sides and bottom.**
2. Or mix by hand with a paint stick or spatula. **Mix thoroughly scraping sides and bottom.**

The time to mix with drill or by hand should not be more than 3 Minutes.
Mix only enough material that you can handle.

Once the Epoxy is mixed, do not leave it in the Container. Immediately pour it on the floor against the farthest wall from the door or exit, in the form of long lines. Spread the epoxy with a roller or squeegee at the rate of 100 ft² per gallon.

Northeast Marine Epoxy Systems

Marine Epoxy 250 is a self-leveling material. This will become quite evident after a few minutes when you see that the roller marks or squeegee lines disappear and you are left with a smooth and level surface.

If the areas are big, we recommend that you use golf shoes with spikes so that you can walk onto the wet floor. We also caution you to be very careful. Wet epoxy is SLIPPERY and you can easily find yourself lying on the floor in a coating of mixed epoxy. If you find yourself in this situation, immediately get out of the area, remove all contaminated clothing and jump into a shower to remove any epoxy compound that got on you. Before starting any project it is advisable to read over the Material Safety Data Sheet for any product you use. These floors should be applied or installed by professionals who have the experience.

SMOOTH FLOORS

Apply the first coat as above and let it cure over night. Check the floor. If there are any bumps or pin holes, sand the areas lightly and patch the pin holes.

Apply the second coat as above and wait overnight and you will get a very smooth floor.

RECOMMENDED CLEANING EQUIPMENT

1. Pressure Spray Washer
2. Industrial detergent
3. Power scrubber
4. Wire brush
5. Squeegee
6. Wet/dry Vacuum cleaner

RECOMMENDED CLEANING PROCEDURE

1. Sweep the surface clean.
2. Mix the industrial detergent according to the instructions.
3. Spread the detergent solution on the floor. Let it sit for ten minutes.
4. Scrub the floor. Rinse well.
5. Vacuum all the excess water. Squeegee the whole area.
6. Let it dry completely.