



AeroMarine Products, Inc.
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HOW TO USE AEROMARINE POLYURETHANE POUR-IN-PLACE FOAM 4# per cubic foot density

Physical Properties:

Parallel to Rise Compressive Strength: 60 psi

Tensile Strength: 115 psi

Shear Strength: 70 psi

Flexural Strength: 115 psi

R Value: 5.6 per inch

****You MUST always wear a respirator or self-contained breathing apparatus when working with pour foam!**

This is NOT a sprayable foam.

Material

AeroMarine Pour-in-Place Foam is a two part, 4 lbs. per cubic foot density polyurethane foam. This 4 lbs. foam works well for filling cavities and voids for positive flotation. It is also an excellent insulator for use around refrigerators and freezer. The 4 lbs. foam can be sanded into any shape once cured. Additionally, 4 lbs. urethane pour-in-place foam can be covered with polyester resin mat and woven roving or epoxy resin with cloth to give a strong and durable finish.

Mixing

4 lbs. pour-in-place polyurethane foam is mixed in a 1:1 ratio. You must mix only small amounts at a time. Mixing time is approximately 20 -30 seconds. Working time is one minute. The 4 lbs. foam will fill about 1/2 cubic foot per quart of mixed liquid at 72F. If the foam is mixed at a lower temperature, it will be much denser and more foam will be needed to complete the job.

Application

AeroMarine 4 lbs. pour-in-place polyurethane foam is designed for use in filling cavities and voids. It cannot be free formed and therefore must be contained on all sides in order to completely fill the void. If a release off the surface is required, a poly sheet such as a garbage bag should be used due to the excellent adhesive quality of the foam.

Boat Hull Example

When filling a boat hull between stringers, mix a cup of each foam component in a clean plastic container. *Do NOT use wax, wood or paper containers as they contain moisture which will contaminate the foam.* Mix rapidly for 20 - 30 seconds and pour into the deepest part of the cavity. If the floor board is not glassed in place, wrap a poly garbage bag around it and place it on top of the stringers. The foam will expand upwards, hit the floor board and start to fill the remainder of the cavity. Simply repeat this procedure until the cavity is filled and glass the floor board in place.

Clean Up

The "A" part of the foam cleans up with acetone and the "B" part with water. Due to the adhesive quality of the foam, keep the mixed product off everything except the job itself. *Do not get the foam on your clothing or shoes. It will not come out!*



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Tips

- Heat *closed containers* in hot tap water if air temperature is lower than 65F.
- Only mix small quantities of Part "A" and Part "B" at one time.
- Heat the cavity the foam is to be poured into, if it is cold to the touch.

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