



ALL-AMERICAN SUPPLY

High-Tech Materials From The Outer Reaches
Of Space to the Depths of the Ocean



Solar-Aerospace-Weapons-Nuclear

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Two Component Polyurethane Pour Foam

Yield

5 Gallon Kit = 40 cuft

1 Gallon Kit = 8 cuft

1 Quart Kit = 2 cuft

All American's Two Component **Pour Foam** is ideal for void filling, structural support, marine flotation, form filling, pole and post setting, as well as many other uses.

Benefits of Poly-Tech Pour Foam include its ease of use, closed cells, low water absorption, low thermal conductivity, and high strength-to-weight ratio.

Pour Foam is an environmentally safe two component polyurethane foam. The formulation does not contain any CFC (Chlorofluoromethane), which may harm the earth's ozone layer.

The following procedures must be followed to insure satisfactory product performance:

Measure: Stir or shake the contents of Resin A and Resin B thoroughly. Measure equally by volume of Resin A and Resin B. Use separate containers for measuring each component.

Manual Mixing: The best apparatus for mixing the Resin A and Resin B are with 2 mm thick plastic bags. The end results are a clean and neat working process. Pour equal amounts of Resin A and Resin B into the plastic bag. Mix thoroughly by shaking and rotating the bag from end to end for a few seconds. Empty the mixed components from the bag or just simply place the whole plastic bag with the mixed chemicals into the cavity. Use a new plastic bag for each new batch of chemical.

Mechanical Mixing: For large batched of chemicals (10 lb or more), the components can be blended by using a hand drill with suitable agitators. Place a large 2 mm plastic bag in a container. Pour the measured volumes of Resin A and Resin B into the plastic bag. Dip the agitator to the bottom of the container and start mixing for 15 to 20 seconds. Mix thoroughly. Agitator should move along bottom, sides, center, and top of the mass to insure thorough mixing. Pour the thoroughly mixed chemicals into the cavity.

Storage: Foam should be stored at 70° F or lower. Never expose Foam to excessive temperatures. Store in original containers. Keep the containers tightly closed, clean, and dry. Avoid moisture contamination, as moisture interacts with the reactive agent in both resins. After pouring measured quantities of resins, clean the pouring spout s with a dry cloth and tightly close the containers to prevent contamination. When properly stored, both resins are stable for 6 months.

Technical Data

Free Rise Core Density	2 lb/cuft
Compression Strength	
Parallel to rise	450 PSI
Perpendicular to rise	400 PSI
Cream Time	90 sec
Rise Time	140 sec
Tack Free Time	180 sec
Cure Time	12 hours