



EkoEtch- Aluminum surface prep E675

It is important to clean your aluminum surface first with EkoClean to remove all contamination so that the EkoEtch can properly etch the surface. Dilute EkoEtch 1:1 with water for corroded aluminum or 2:1 (2 parts water : 1 part EkoEtch) for clean new aluminum that is corrosion free. Wear eye protection and solvent resistant gloves. Spray EkoEtch onto the surface wetting out no more than roughly 1 square yard at a time. Scrub the surface using red Scotch-Brite so that you are not only chemically but mechanically etching the surface. Work for 3 min and rinse. Do not let EkoEtch dry on the surface. Be sure to read the directions on the container.

It is extremely important to remove all residue from the surface of the aluminum. EkoEtch contains additional detergents to aid in removing residue from the surface. A pressure washer works well on large components otherwise be sure to rinse often and with clean water. To test the surface for cleanliness use a white lint free towel saturated with solvent to wipe the surface of the aluminum. If the rag turns black then you have left residue on the surface of the aluminum and may need to re-etch and rinse again.

Blow out lap joint and rivet lines with clean dry high pressure shop air. Let dry approximately 1hr before priming. Try to prime within 12 hours. Etching removes the top protective layer of pure aluminum from the surface which makes the aluminum more susceptible to corrosion.

Normally we apply either our EkoPrime or EkoPoxy directly to the clean dry bare aluminum without using Alodine. If you removed corrosion from the surface and wish to use Alodine follow the manufactures directions for application. Do not let Alodine dry on the surface or between layers or under rivet heads. It is very important to rinse properly for maximum performance of the primer/paint.