



ALUMINETCH

GIVES A BRIGHT, SILVERY, SATIN FINISH TO YOUR ALUMINUM PRODUCTS

Description :

ALUMINETCH is a powder compound which provides a rapid, thorough reconditioning treatment for aluminum removing light die lines and scratches and producing a beautiful, silver – white, finely etched satin finish. It is adaptable to any aluminum alloy.

Aluminum is a very reactive metal. When exposed to the atmosphere, it quickly covers itself with an unsightly white or gray oxide film. Since aluminum is normally a bright white color, the contrast between clean and soiled or oxidized metal is intensified.

Aluminetch restores the natural finish to aluminum.

It removes oxides, corrosive salts, tenacious grease and oil films. It etches the underlying metal very uniformly. Some etchants preferentially dissolve only certain elements of the aluminum alloy, leaving a residue of insoluble elements. The result is a discolored, rough, irregularly etched surface. ALUMINETCH which consists of dipping parts into a tank of ALUMINETCH, rinsing and then bright dipping with RADOL – 20 – 20 – PLUS, produces a bright shiny surface. There is never a need for further processing, other than rinsing.

ALUMINETCH is extremely long-lived. When oil films are observed floating at the top of the tank, the solution may be reclaimed by overflowing.

The etch rate of ALUMINETCH used at the recommended concentration and temperature, will be 0.2 to 0.25 mils per minute on most aluminum alloys.

Creates no sludging problems

ALUMINETCH solves the sludging problem usually prevalent in materials of its type. The sludge created is small in quantity ... and it is very soft and non-caking. It can be easily removed from the tank bottom without chipping, scraping or scrubbing.

Use

Since ALUMINETCH can be used in simple, inexpensive, mild steel tanks, installation costs are low and maintenance requirements are practically nonexistent. The material is normally used at 3 – 5% in water and at low, easy – to – maintain temperatures (45⁰ – 65⁰C). Upon withdrawal from cleaning solution parts should be rinsed with hot water.

If deoxidizing process is required use our product RADOL – 20 – 20 – PLUS for deoxidizing.



Application :

ALUMINETCH is used wherever bright aluminum is desired. For example : aluminum window finishing, kitchen utensils, venetian blends, furniture, dishes, trays, auto distributor covers and other cast parts, lightning flash arrestors for power lines, refrigerator ice cube trays, heat reflectors, light reflectors, ornamental aluminum, and a great variety of small aluminum parts such as the stays used in permanent waving machines.

Ideal for cleaning of aluminum prior to chromodizing, anodizing or phosphating operation in aircraft plants, planting shops and metal-working establishments.

Caution :

ALUMINETCH contains sodium hydroxide. Avoid contact with skin, eyes and clothing. (see M.S.D.S.)

Note : For its use in chromate conversion coating see our Technical Bulletin.