

#### Properties and effect

The process **AluChem** deburrs and smooths edges and surfaces of aluminum and aluminum alloys. The achievable leveling and surface finish are influenced by the alloy composition. All aluminum alloys can be deburred. The result is a metallic pure surface, which is free of spangles, flakes, material overlapping and particles. As a rule, a mat, satin finish is achieved.

**AluChem** increases durability and fatigue resistance of workpieces, reduces friction and wear as well as improves the adhesion of coatings.



#### Application

**AluChem A 100** is applied in immersion baths. The workpieces can be processed either on a jig, in the basket or as bulk material in drums.

**AluChem A 100** and the rinsing water from the process are acidic and contain heavy metal. They have to be treated and disposed of according to the statutory laws and regulations.

#### Technical data

Specific weight / density:	1.01-1.03 g/ml
Application:	diluted
Working temperature:	+20°C
Time to act on surface:	0.5 to 30.0 minutes
Removal rate:	0.5 to 2.0 µm/min

#### Supply

Liquid concentrate:	<b>AluChem A 100 SK</b>
▪ Single use canister	30 kg (26.1 l)
▪ IBC	1,100 kg (1,000 l)

Mixing for 100 l electrolyte ready to use AluChem A 100

▪ Water	65 l
▪ Hydrogen peroxide (35%)	20 l
▪ AluChem A 100 SK	15 l

#### Your advantages

- high economic efficiency
- fast brightness
- low process temperature
- no toxic process gases