



Linetec's New Eco-Friendly Anodize Conceals Imperfections with a "Frostier" Matte Finish

Linetec is making a change to its etch chemistry, in the anodize process, to a more environmentally-friendly etching process. In addition to its green attributes, eco-friendly anodize creates an aesthetically appealing, "frostier" matte finish that improves hide of small defects that may occur on the aluminum surface of architectural products.

Linetec has been researching this new anodize technology for some time and we are excited to be one of the first companies to bring this process to market. Although neither conventional nor eco-friendly anodize removes all irregularities in the aluminum, the eco-friendly process does a better job of concealing them. This gives the material a better aesthetic finish on both primary and secondary (recycled) billet.

Benefits of eco-friendly anodize process include:

- Aesthetic finish that produces a "frostier" matte finish.
- Verified results that meet or exceed all AAMA 611 specifications
- Low gloss level reduces glare in bright sunlight.
- Reduced aluminum removal during the etch process. With eco-friendly etch, typically the amount of aluminum removed is 1/10 of the conventional caustic etch process, allowing for a more consistent extrusion fit tolerance between paint and anodize finishes.
- Tendency to hide small defects on the aluminum surface such as die lines, minor corrosion and scratches.
- Viscosity of etch solution is similar to water, etch entrapment in small recesses and tube dies is no longer of concern.

Supporting green building and sustainable design goals, the eco-friendly anodize process also provides environmental benefits:

- LEED® credit potential when utilizing recycled (secondary) billet
- 90% less landfill waste will be produced.
- Process byproducts are recyclable.
- Reduction of energy used in the etch process.

Specification Information:

- M10C21A44
- Conventional anodize material can be converted to Eco-Friendly and vice-versa.
- Linetec will still have the ability to use the conventional caustic etch process for legacy projects.
- Standard warranty of five years and option of extended ten year warranty apply.

Architects, building owners and other professionals engaged in green building practices can learn more about the role of finishes and thermal barrier systems by visiting Linetec's online Architectural Reference Center at www.linetec.com or calling 888-717-1472.