



This is an image of a simulation of the Electric Field Strength between two plates with sharp points on them. Between the plates is water, and the plates have 1.8 Volts applied between them.

It is an exaggeration of what sanding or shot blasting can do regards the Efield. The Efield is THE most important aspect of electrolysis, and sharp gradients of the Efield can be very beneficial. More so than mere increase of surface area!

The Efield would remain a flat 400V/m if both plates were smooth. Instead with these exaggerated sharp points, the gradient rises to over 900V/m at the points, and falls to below 80 V/m in the valleys!

Field intensity plotted on next page

