Clad Materials

Nearly any combination of metals is possible



Engineered Materials Solutions

Wickeder Group



The perfect Partner for Clad Materials

Expanding Your Design Possibilities

Clad metals, or multi-layered metal composites, have long been used to solve engineering challenges which require blended metal properties. These unique materials give design engineers endless possibilities to produce metals with targeted engineering properties – mechanical, electrical, corrosion, thermal expansion, and surface finish to name a few.

Well known examples of clad metals include multi-layered cookware with improved thermal performance, corrosion resistant bumpers for class 8 trucks, anode lids and cathode caps for hearing aide batteries, catalyst foil metals for emission control and materials for replacing expensive nickel and copper alloys. Recent emphasis has been on "transition clad metals" for joining light weight metals such as aluminum in automotive applications and innovative layered metals for hand held electronic devices, and US coinage.

Pick up a U.S. quarter you'll be holding a shining example of clad metal economy and performance. From its side, you'll see a cost-effective 3-layer sandwich of cupronickel / copper / cupronickel that replaced a more costly silver coinage material while matching its look and feel and offering exceptional durability and a density required by automatic coin discrimination systems.

EMS clad metal can save your business money in base metal costs, assembly, warranty claims and also improve performance. Solve your design issues and find the next unique application of clad metal by contacting EMS for further information and assistance.

39 Perry Avenue Attleboro, MA 02703-2410 Phone +1 508 342-2100 Fax +1 508 342-2125

www.emsclad.com

