

SAUEREISEN

Ceramic Cement Chemistry

Sauereisen specialty cements are composed of high-purity inert fillers such as silica, alumina, or zircon which make them ideal for many electrical components that operate at high temperatures.

Silicates

- Excellent thermal and dielectric properties
- Bonds to most ceramic, glass, and metal substrates
- Available as a paste or powder

Phosphate Bonded Materials

- Most thermally conductive & electrically insulating products available
- Compatible with most metal alloys
- Applied at unlimited thickness

Calcium Aluminates

- Superior refractory properties
- Strong thermal shock resistance
- Cured by hydraulic set in a humid environment



Want to compare? Sauereisen's **E**lectrical **M**anufacturers **T**rial **O**der kit combines generous quantities of six products. Obtain the EMTO kit to assess each chemistry or to solve a wide range of adhesive challenges.

