

KALOCER® Linings

Abrasion and Temperature Resistant High Alumina Ceramic Linings

KALOCER® high density alumina ceramic linings and abrasion resistant tiles prevent destructive wear in conveying, processing, and storage equipment. Made from high purity, fine grain, alpha aluminum oxide, a material almost diamond hard, KALOCER® thin wear resistant linings can be formed in a variety of pre-engineered standard and custom sizes and shapes.



- Use where equipment tolerances or weight restrictions allow only a thin wear resistant lining.
- Configurations in thickness as low as 1 mm (0.04 in).
- Outlasts other products up to ten times.
- FDA approved.
- Multiple attachment methods, such as welding and adhesives. Protects high speed moving parts: impellers, fan blades, mixer plows, augers, screw flightings, conveyor screws, and more.
- Effectively handles severe abrasion in elbows with tight radii.
- Specify for existing systems or original equipment.
- Custom engineered for specific applications.
- Watch the video

Installation: pipes, shaped components, or thin tiles laid in epoxy, RTV or welded attachment. KALOCER® tiles vulcanized into rubber mats for installation by gluing are available.

Application temperature: up to 1000°C / 1832°F depending on application and geometry.

Advantages: highly wear resistant, smooth surface that lasts, no corrosion, available from 1.5 mm thickness.



KALOCER® piping elements from Abresist Kalenborn can be placed with high performance adhesive.



Weld-on KALOCER® high alumina ceramic tiles protect this cone against wear and thermal shock.