

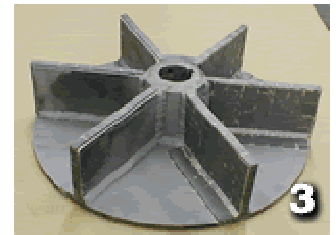
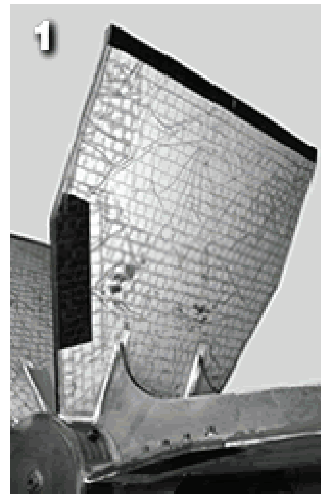
KALMETALL® TC Tungsten Carbide

Toughest Wear Resistant Lining Material Available from Abresist Kalenborn for Extreme Impact and Abrasion Resistance

KALMETALL®-TC Tungsten Carbide provides impact wear and abrasion resistance. The wear properties of KALMETALL®-TC are determined by the ratio of tungsten carbide to the cobalt binder and can be tailored to each application.

Used alone or in combination with other wear resistant linings, KALMETALL®-TC simply lasts where others fail. Excellent product for use on fan blades, processing machinery components and in pipes and elbows where extreme abrasion exists.

- Longest lasting wear material available.
- Maintains hardness at high temperatures.
- Available in thin tiles, shapes or cylinders.
- A variety of grades for different situations.
- Attachment by brazing, KALBOND or standard adhesives.
- Outlasts alumina 5 times or more.
- Highly corrosion resistant lining.
- Continuous service temperatures to 480°C (900°F).



1. Bolt-on KALMETALL®-TC wear panels combined with KALOCER® on a 64 fan rotor
2. Refractory fiber fan casing volute
3. Refractory fiber fan rotor.

Bullet-proof Your Equipment with KALMETALL®-TC

Abresist Kalenborn can:

Apply KALMETALL®-TC to existing components

Incorporate linings in new re-engineered parts

Supply complete fabrication

KALMETALL®-TC is ideal for:

Abrasive material in fans & rotors

Plows and paddles in sand mixers

Pneumatic system pipes & elbows handling cullet and hard rock ores

Severe duty rotating parts