

Kennametal Wear Solutions Screw Conveyor-Refurbishment

...extend the life of your screw conveyors up to 6 times longer than traditional solutions!!

① **AeroTech Bonding of Ceramic Tiles**

This technology combines specialty structural adhesives and a proprietary process to form a superior lining that cannot be achieved through traditional ceramic application methods. A bond strength of 6000 psi is achieved with AeroTech Bonding.

② **Reduce Downtime and Maintenance Costs**

Lengthen your scheduled maintenance cycles up to six times longer while maintaining the quality and consistency of your product.

③ **Refurbishment of Screw Conveyors 35 Feet & Longer**

With our AeroTech Bonding process, we have the ability to protect screw conveyors of almost any size.

Proven Results

One company's screw conveyor is thirty five (35') ft long, with a shaft diameter of eighteen (18") inches and was originally fabricated from AR plating and hard-faced with a weld overlay on the flights, shaft and digger teeth. This hard-facing was lasting only about six to nine months before reapplication was required. This reapplication of the hard-facing weld overlay was an expensive process in itself, but the real concern for the plant was the downtime associated with maintenance on the conveyor. With the new AeroTech Bonded ceramic and tungsten carbide lined screw the plant anticipates it will not require maintenance on the screw conveyor for at least another three to five years.

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