



CeramAlloy CBX Provides Outstanding Protection to Coal Auger Trough at U.K. Power Station



CeramAlloy CBX ceramic microspheres and silicon carbide aggregates.

The plant engineers at a U.K. power station wanted to protect a coal auger trough with a high performance, abrasion resistant material that would withstand the tremendous impact and abrasion in the area under the feed hopper. This area normally received the most abuse.

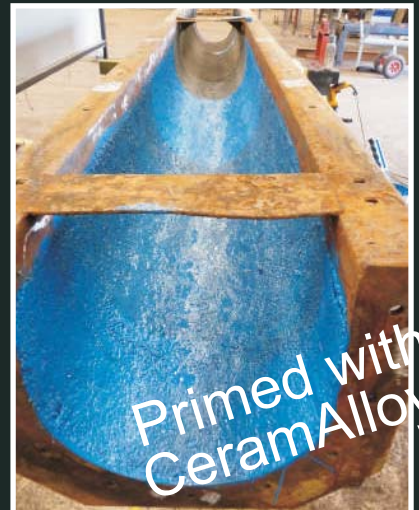
The damaged area of the trough was cut out and replaced with a newly fabricated section. The engineers then selected *CeramAlloy CBX* to protect this critical section. The surface was cleaned and prepared with an angle grinder and then the CBX system was applied 1/4 inch (6 mm) thick over the entire section.

The trough was put back in service and seven months later, it was discovered that the *un-protected* sections of the trough had failed. During a scheduled plant shut-down, these damaged sections were replaced. New sections, which had been fabricated, were welded into place and *CeramAlloy CBX* was installed to protect these new sections as well.

By the way ... the initial application of the CBX was in absolutely 'perfect condition', according to the plant engineers.



Surface Prep



Primed with CeramAlloy



CeramAlloy CBX Applied