

Industry:

Power station

Plant:

Coal handling

Lining System:

K-ZAS

K-ZAS lined Furnace Bottom Ash Disposal Pipework

Key Benefits

- Excellent cost to payback ratio
- Excellent wear resistance achieved
- No corrosion failure
- Reduced weight of components
- Reduced plant downtime

Problem: Having

unsuccessfully trialed both cast basalt and hi-chrome castings, the plant engineer of

the coal and ash plant on a large coal fired power station contacted Kingfisher for their recommendations for use in handling hot clinker being charged via an ash reception hopper. Although the course clinker was suspended and conveyed hydraulically, the internal surface of the pipeline was subjected to severe abrasion and erosion.

Solution: Having had previous experience with this type of application, Kingfisher recommended their 25mm thick, ceramic lining system. With the system being supplied in cylindrical form, the internal concentricity was maintained and the excellent impact and sliding wear resistant characteristics of the liners countered the excessive abrasive forces apparent when handling ash clinker.

Benefit: Despite constant wear taking place during operation, the liners outperformed the previously used wear resistant materials.



Protecting Industry Worldwide

Kingfisher Industrial Ltd
Whitehouse Road
Kidderminster
Worcestershire
United Kingdom
DY10 1HT

T +44 (0)1562 543108
E enquiries@kingfisher-industrial.com
www.kingfisher-industrial.com

The information contained on this product Information sheet is to be used as guidance only. The advice and technical data given is done so in good faith and does not constitute any warranty or guarantee on product performance or suitability. We hereby reserve the right to change the technical information herewith without Notification or prior agreement