

REJECT SCREEN DISCHARGE CHUTE



CASE HISTORY

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INNOVATIVE INDUSTRIAL SOLUTIONS

SUMMARY

REJECT SCREEN DISCHARGE CHUTE

INDUSTRY : Coal Mining

PRODUCT : ARC BX2

PLANT : Reject Screen Discharge Chute

LOCATION : Blackwater, QLD, Australia.

DATE : 18th March, 2008.

SUMMARY : Tile disbondment and heavy abrasion lead to a large hole in a chute needing frequent patch ups. ARC BX2 was applied outperforming all previously trialed products.

PROBLEM DESCRIPTION

- Tiles were smashed and dis-bonded in the chute due to high localised impact and wear.
- Previous wear resist patching needed repairs every 4 to 6 weeks.
- Confined space entry and difficult access lead to expensive labour costs.



SOLUTION

- The hole was temporarily patched using Imatech's Magnetic Wear Liners.
- This held successfully for 2 weeks until a down day eliminating equipment down time.



SOLUTION

- A 3 mm reinforcement plate was tack welded to the back of the chute.
- ARC BX2 ceramic composite was simply trowel applied on to reach the original chute thickness.



RESULTS



- This photo was taken after a 3 month inspection illustrating no visible signs of wear.
- No down time, No unscheduled shuts.
- No costly repairs.

CONTACT US

Let us help you find out how our ARC BX2 products can improve your operations and save you time and money.

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