



Mining Success Stories

Si-Tec® Ceramic Bolt-On Wear Runners Increase Wear Life by 65%

Mining Ore Flow Chutes Si-Tec® Ceramic Bolt-On Wear Runner

“Wear life for the wear runners improved by 65%, going from 17 days installed to 28 days”

Baseline:

- Mining chute that processes 100,000 tons per day
- Operating 365 days a year
- Average life of brand X is 17 days
- Average rock size of 7.5 inches

Objective:

- Extend wear life of wear runners to decrease the number of shut downs for product wear

Results:

- The Si-Tec® ceramic wear runners lasted 28 days (65% improvement), when they were changed due to a scheduled maintenance shut down
- Provided additional wear life for other support liners
- Longer wear life could reduce shut down frequencies

This facility has chosen to use Spokane Si-Tec® ceramic wear runners throughout this location due to the improved wear life

PDF
(/wp-content/uploads/2020/04/Customer-Success-14-Final.pdf)

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