



Rockbox | CastoChrome®

The Challenge

On a mobile feed chute, a rock box is normally used to prevent chute wear at the impact zone. The customer was using 3" thick liners welded on AR plate, with costly repairs and frequent change-outs. Severe damage could be observed in a very short period of time due to the extreme impact this part was subject to.

The Solution

The Castolin Eutectic wear management team, working in close collaboration with the customer, analysed the wear mechanisms involved and the trajectory of the material affecting the part. With this information, Eutectic Services and the Technical team designed a custom rockbox chute liner to create a deadbed for ore-on-ore wear. For this application, the selected material was CastoChrome casting. With its metallurgical bond and composite structure, CastoChrome wear parts offer a complete made-to-perform component, providing exceptionally impact and abrasion-resistant wear liners with a safe and quick installation procedure.

The Outcome

The CastoChrome® rockbox was delivered on time and successfully installed. To this date, Castolin Eutectic's solution has helped increase part performance and service life drastically from 4 weeks to the scheduled maintenance cycle.

- ➔ Extended service life and enhanced performance
- ➔ Costs savings through outstanding operational efficiency
- ➔ Global service network | Local support throughout North America



Sustainable Solution



Turnkey Offerings



Global Support





Pioneering Industrial Sustainability



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