

COAL & BLINDING

CASE STUDY

polydeck.com



CHALLENGE

A Coal Customer had three 8' by 20' double-deck banana screens with steel punch plates on their top scalping decks. These decks were experiencing severe plugging while the bottom decks of these screens were experiencing severe blinding. As a result, the time required for constant screen maintenance was causing lost production and frequent delays.



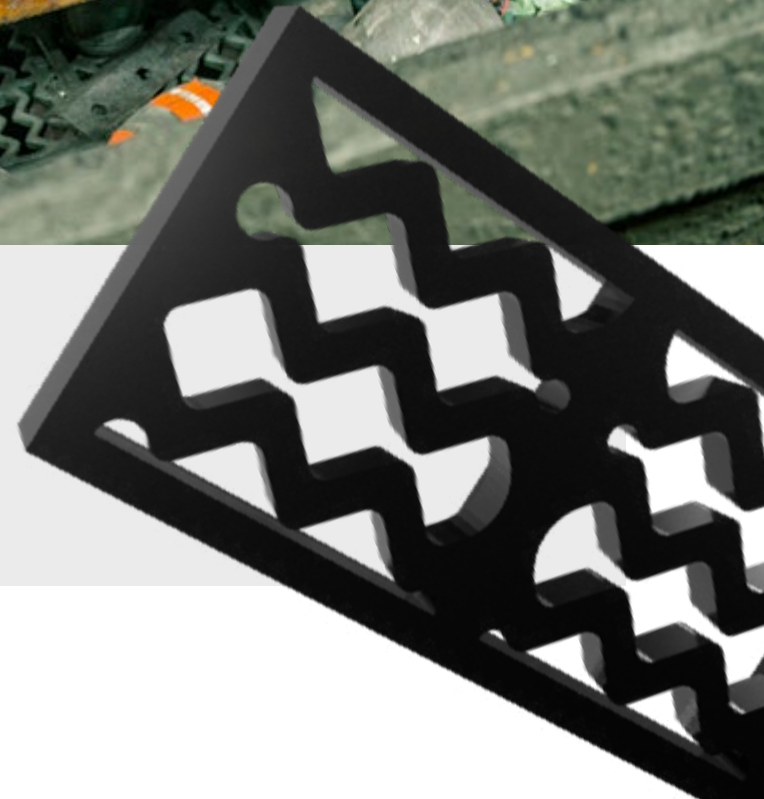
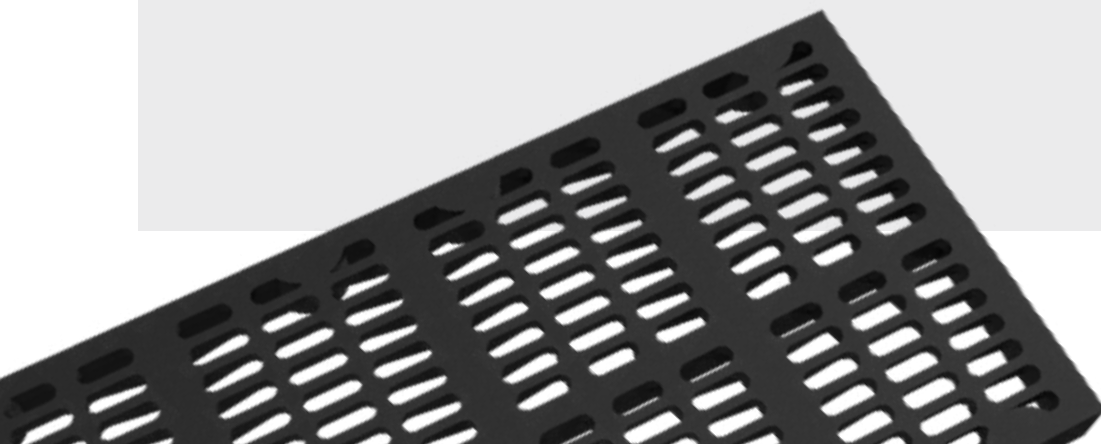
** Image used to illustrate VR panel in the field and is not from original site*

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SOLUTION

Polydeck's coal experts recommended installing VR (zigzag) panels on the top decks to solve the plugging issues. VR panels allow for material to pass through more easily. Polydeck also installed slotted Flexi Rubberdex panels on the bottom decks to solve blinding issues. Flexi Rubberdex panels are made with a more flexible material adding secondary motion to the screen and therefore increasing throughput.





RESULTS

- Polydeck's VR panels greatly reduced plugging
- Flexi screen panels eliminated blinding
- Banana screens able to maintain maximum production without the frequent maintenance shutdowns

