



A TAILOR-MADE BLAST

The blasting media you select for a project has a critical impact on its success and your bottom line. Do you know all of your options? While many select a certain media out of habit or convenience, this tactic may not be the most financially wise. Changing their blasting media to Black Diamond Iron Silicate increased one company's production rate by 47%, saving them time and money.

MAXIMIZE PRODUCTIVITY AND COST-EFFECTIVENESS

Iron Pillar Energy, LLC, a high-volume blast and coating company, was struggling with the common challenge of maximizing their production rate at the lowest price point. With a focus on oil and gas related projects, the Permian Basin-based company has two large blast yards and multiple projects running simultaneously. Maximizing blasting efficiency is a must.

Based on Iron Pillar's projects and coating types, a representative from U.S. Minerals recommended exploring Black Diamond Iron Silicate, a blasting media that is also known as copper slag. Black Diamond Iron Silicate has hard, angular particles and offers superior speed without carrying the high price point of certain specialty abrasives. It is also available in the largest number of standard gradations on the market today. The switch resulted in a production rate improvement of 47% and a comparable cost per ton to Iron Pillar's existing material. The increased efficiency provided a significantly more cost-effective blast.

To ensure similar results for future projects, Iron Pillar conducted a side-by-side field test to compare production rates, using a 100-pound bag of their existing material and their new supply of Black Diamond Iron Silicate. Their old blasting media provided coverage of 100 square feet, while Iron Silicate provided coverage of 200 square feet with no increase in dusting. While the blasting crew exhausted both supplies of the blasting media, crew members could complete twice the work in half the time with Black Diamond Iron Silicate. The results were clear - Iron Silicate provided a drastically improved production rate, saving Iron Pillar money long-term.

U.S. Minerals' superior and personable customer service experience helped Iron Pillar identify the type of blasting media that maximized efficiency and cost-effectiveness for their project types. Could partnering with a U.S. Minerals representative also save your team time and money? Call us at (800) 803-2803 or reach out at www.blackdiamondabrasives.com/contact-us to explore the best available blasting media for your business needs.



We discussed our current supply needs and the types of projects we do with a representative of U.S. Minerals, who was unlike representatives of any other company we had spoken with. He actually asked questions about our business, the type of work we do, coatings, and inspections so he could provide the best, most cost-effective solution for the way we operate.

Superintendent
Iron Pillar Energy, LLC