

Sempertrans IronShield

NEW
PRODUCT

Unparalleled Abrasion Resistance for Maximum Performance

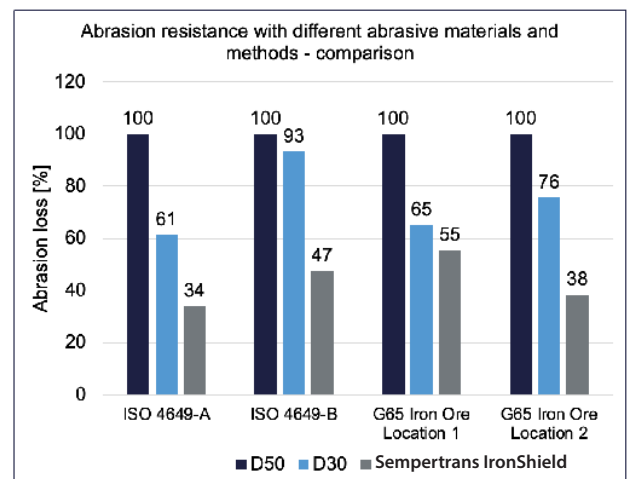
HIGHLIGHTS

- **Lowest Abrasion Loss:** Demonstrates the lowest abrasion rates in the industry, making it the ultimate solution for high-wear environments.
- **Minimal Wear and Tear:** Extensive testing has proven that Sempertrans IronShield has the lowest wear rate, ensuring longevity and consistent performance.
- **Cost-Efficiency:** With fewer belt replacements and lower maintenance requirements, Sempertrans IronShield translates into significant cost savings for your operations.
- **Enhanced Productivity:** Designed for resilience and strength, Sempertrans IronShield minimizes downtime and boosts conveyor system efficiency.
- **Versatility:** While optimized for iron ore, Sempertrans IronShield is equally effective for other abrasive materials, catering to diverse industry needs.
- **Sustainability:** Reduced replacements and longer service life contribute to sustainable practices by lowering waste and resource consumption.

INTRODUCTION

The Sempertrans IronShield is engineered to redefine durability and efficiency in handling abrasive materials such as iron ore, aggregates, and minerals.

Developed with cutting-edge technology, the Sempertrans IronShield compound offers unmatched abrasion resistance, reducing operational downtime and extending the lifespan of your conveyor belts.





TECHNICAL PERFORMANCE

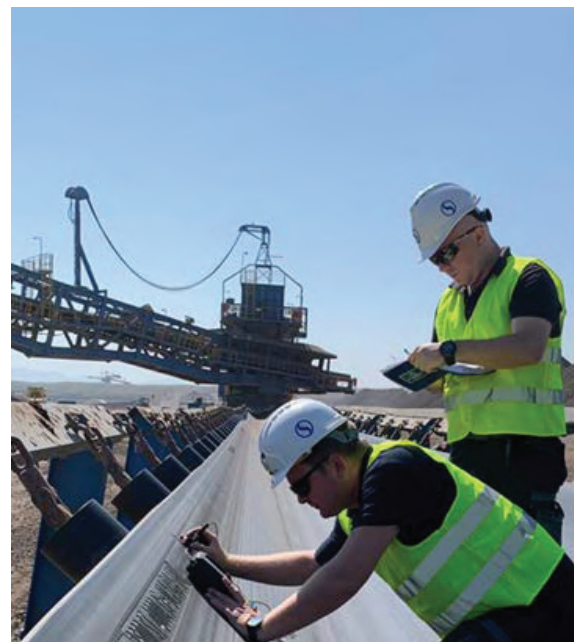
Unmatched Abrasion Resistance

Sempertrans IronShield has been rigorously tested to ensure optimal performance. The above graphical representation comparing the abrasion resistance of Sempertrans IronShield against other compounds, D30 and D50.

APPLICATIONS

■ The Sempertrans IronShield is designed for:

- **Iron Ore Handling:** Perfect for high-abrasion environments.
- **Aggregates and Minerals:** Reliable performance for various bulk materials.
- **Industrial Operations:** Suited for versatile applications across industries.



BENEFITS AT A GLANCE

- **Superior Longevity:** Reduce frequency of belt replacements.
- **Operational Savings:** Minimized maintenance costs.
- **Improved Efficiency:** Boosts productivity by reducing downtime.
- **Eco-Friendly Solution:** Aligns with sustainable operational practices.

TESTED AND PROVEN

■ Results from Independent Testing:

- **Lowest Average Mass Loss:** Demonstrates unparalleled durability.
- **Wear Resistance:** Outperforms industry standards for abrasion resistance.
- **Extended Belt Lifespan:** Proven to last longer under high-impact and abrasive conditions.

