

PRESS RELEASE

Basilite QuickStart: Revolutionary Tundish Lining Advances "Green Steel" Production

Immediate efficiency gains, energy savings, and significant carbon emission reductions

A groundbreaking innovation in tundish working lining technology has been introduced, marking a significant advancement in the steel casting industry. The newly developed Basilite QuickStart sprayable lining, with its elimination of the traditional drying-out step, not only drastically reduces cycle time and energy usage but also directly contributes to 'green steel' manufacturing initiatives, inspiring hope for a more sustainable future.

What is Basilite QuickStart?

Basilite QuickStart represents a substantial improvement over traditional tundish linings, which typically require extensive drying procedures consuming both time and significant amounts of natural gas. By innovatively modifying its microstructure, Basilite QuickStart rapidly expels mixing water at pre-heating temperatures, removing the need for a separate drying stage.

Key Advantages:

- **Reduced Installation Time:** Eliminating the drying-out phase significantly accelerates the overall tundish preparation process.
- **Energy Efficiency:** No natural gas combustion is necessary for drying, drastically cutting energy consumption.
- **Lower Carbon Emissions:** The absence of a drying-out stage directly translates into considerable reductions in carbon dioxide emissions.
- **Enhanced Operational Flexibility:** Faster tundish turnaround allows for increased adaptability and efficiency in the production cycle.

Environmental and Economic Impact:

The adoption of Basilite QuickStart not only supports the steel industry's critical move towards sustainability but also aligns with environmentally conscious production methods. Steelmakers employing this technology experience immediate reductions in operational costs related to energy usage, providing a reassuring financial benefit, and witness tangible improvements in their carbon footprint.

Conclusion:

Basilite QuickStart redefines tundish working lining application by significantly optimising process efficiency and sustainability. As steelmakers worldwide aim to reduce environmental impact and increase production efficiency, Basilite QuickStart emerges as an essential solution, making the audience feel included in a global movement towards sustainable steel production.

For further information and to explore how Basilite QuickStart can revolutionise your steel production, visit www.vesuvius.com.