

By Wildflower Research Labs, LLC



FLAMBAS-25 is a mild fluoride with lime, Alumina, magnesia, briquetted with aluminium shredded scrap, available in the form of half cones, briquettes, or ingots that can be used by the steel industry.

KEY ADVANTAGES

- Reduces LF process time required for creamy slag generation.
- Promotes deeper penetration to the slag-metal interface due to optimal composite density
- Enables faster reactions and better inclusion absorption with pre-mixed formulation
- Reduces overall cost by \$10 / PT of steel.
- Saves time and temperature-critical in high-speed steelmaking environments.
- Enhances productivity & profit.

APPLICATION

- When desulphurization is complete at the hot metal stage, **FLAMBAS-25** allows skipping the LF step, focusing only on minor alloy adjustments.
- Addition rate:
 - 4 kg Lime
 - 1 – 1.25 kg **FLAMBAS-25** per ton
- Result: Creamy reducing slag without full LF processing.

- **PRODUCT COMPOSITION**

- **HSN Code: 7602 0010**

SI. No.	PARAMETER	VALUE	SAVING	REMARKS
1	Aluminium (Shredded)	25% MIN	Aluminium	Better dispersion.
2	Reactive Alumina	20% MIN	Time for DeS	Forms low-melting CnAm in situ.
3	Alkali + Fluorides	20% MAX	Optimal Time	Flux to reduce slag melting point.
4	Lime	20% MAX	Lime	Binder.
5	Magnesia	15% MAX	Refractory	Gives MgO without affecting viscosity.
6	Size (90% Passing)	10-60 MM	Yield	Reduce slag over a larger surface area.