



SlagMag 80



SlagMag 80 is a slag conditioner used in EAF melting furnaces for increasing MgO content in a slag. Proper MgO saturation is directly correlated to a decrease in refractory wear and the formation of foaming slag.

MgO briquettes are produced from a mixture of magnesia (MgO) and magnesite ($MgCO_3$). The grains of MgO and $MgCO_3$ are crushed, compressed together, and then calcined at $400^\circ C$ to create a briquette strong enough for sea travel, minimizing fines formation. The mixture of MgO and $MgCO_3$ leads to a quick dissolution in the EAF furnace slag helping the process to quickly reach a MgO saturated slag.

SlagMag 80 comes in the form of briquettes containing 80% MgO. High MgO content means less material is needed to reach saturation in a slag. FRC Global provides consistent quality and chemistry for excellent and fast slag formation.

Features:

- ◆ Decrease refractory consumption
- ◆ Decrease electrode consumption
- ◆ Decrease energy consumption
- ◆ Increase foaming slag
- ◆ Increase productivity

Product Specifications:

	Specifications	Manufacturer
Chemical specifications	MgO %	80 - 87
	SiO ₂ %	3
	CaO %	7
	Fe ₂ O ₃ %	1-8
LOI - Lost of ignition	Max %	6
Grain Size	10 – 40 mm (%)	90

Packaging and Storage:

Shipped in 1 or 1.2 MT bags (2204.6 or 2645.6 lbs)

Store in a dry and protected area

Full truckload quantities available

SlagMag is produced in the EU

Lead times 7-8 weeks

FRC Global is a leading supplier of refractories, electrodes, and high temperature combustion systems.

We provide outstanding results for our clients within the iron, steel, and non-ferrous industries. Our company's reputation is built by delivering high quality products made with premium raw materials.

Through the use of vast global resources, all of us at FRC Global are committed to being the value creators and problem solvers for our industry.

