



# Fedmet

Global Innovation for  
your High Temp World

## SlagMag 80

SlagMag 80 is a slag conditioner used in steel aggregates 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°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 slag helping the process to quickly reach a 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. Fedmet provides consistent quality and chemistry for excellent and fast slag formation.



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

Product Specifications:

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

Packaging and Storage:

Shipped in 1200kg bags  
Store in a dry and protected area  
Full truckload quantities available  
SlagMag is produced in the EU  
Lead times 7-8 weeks

Fedmet provides quality engineered products and services for all your high temperature applications.

For 30 years, Fedmet has provided outstanding results for our clients within the iron, steel and non-ferrous industries. Our company's reputation is built on delivering high quality products made with the world's best raw materials.

Through the use of our vast global resources, Fedmet is committed to delivering an exceptional customer experience and innovative solutions to all of our clients.

