

## PRODUCT DESCRIPTION FERRUM R+

**Ferrum R+** is SMA Mineral's quicklime product produced in a rotary kiln with extra low carbon and sulphur content and an improved level of resistance. The lime is used as a flux and slag conditioner in AOD converters in steel-making and is produced at SMA Mineral's production unit in Rättvik. And the limestone raw material is quarried nearby, from SMA Mineral's deposit at Jutjärn, north of Rättvik.

Ferrum R+ is supplied in a variety of fractions as per customer requirements, and in briquette form. Here at SMA Mineral, we always take great care in selecting raw materials. They must fulfil the customer's product requirements, and help us to achieve an optimal production process at our own plants.

### Chemical composition\*

SUBSTANCE	FERRUM R+
CaO tot	93.4
MgO	1.1
Fe <sub>2</sub> O <sub>3</sub>	0.5
SiO <sub>2</sub>	3.0
Al <sub>2</sub> O <sub>3</sub>	1.1
P <sub>2</sub> O <sub>5</sub>	0.04
S	0.03
C	0.03

\*Guideline value

### Fractions

Ferrum R+ is generally supplied in fractions up to 3-15 mm.

### Transport and packaging

Bulk transport by road is the most common method of delivery. If necessary, the lime can also be supplied in sacks.

### Quality

In order to ensure that the quality level fulfils set requirements, we take samples and conduct regular tests, at both individual units and SMA Mineral's central laboratory.

### Safety

Quicklime can be harmful if it comes into contact with the eyes or skin, so please read our safety data sheet for this product.

### Service

As a customer, when you choose a product from the Ferrum family from SMA Mineral, you will always have a personal sales representative who you can contact and who will actively follow up to ensure everything is running smoothly. In the event of urgent queries or need for delivery, our transport managers are available around the clock, seven days a week, all year round.