

PRODUCT DESCRIPTION FERRUM DS

Ferrum DS is calcined dolomite produced in a shaft furnace at SMA Mineral's production unit in Mo i Rana in Norway. The raw material comes from our deposit at Seljeli, just south of Mo i Rana.

Ferrum DS is used as a flux and slag conditioner in steel-making, and its magnesium content also provides protection for the refractory lining of the furnace.

Ferrum DS 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 DS
CaO tot	58.5
MgO	37.5
Fe ₂ O ₃	0.2
SiO ₂	0.9
Al ₂ O ₃	0.1
P ₂ O ₅	0.04
S	0.01
CO ₂ residual	1.9

*Guideline value

Fractions

Ferrum DS is generally supplied in fractions up to 60 mm.

Transport and packaging

Bulk transport by road is the most common method of delivery. Proximity to the port of Mo i Rana also enables long-distance transport by sea. If necessary, Ferrum DS 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 production units and SMA Mineral's central laboratory.

Safety

Calcined dolomite can be harmful if it comes into contact with the eyes or skin, so please read our safety data sheet for this product, which you can find on our website.

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.