

FAJALIT

Iron silicate abrasive

Features & Benefits

Västerås, Se

Fajalit is a granulated iron silicate material extracted at Boliden's Rönnskär copper production facility in Sweden through a unique process called 'fuming' whereby the silicate is exposed to high temperatures, resulting in a very pure product. After drying, the material is then sieved to an optimum particle size for blasting. Fajalit can be used on most surfaces and is produced in accordance with ISO 11126-3.

It is used as blast cleaning abrasive for all applications fields in conventional corrosion protection on almost all surfaces. Suitable for SA-3, SA-2½, SA-2 and SA-1.

Very suitable for use as roofing granules, as it weather resistant and has uniform colour and grain size.

Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Shape	:	angular
Color	:	black
Hardness	:	6-7 Mohs
Specific density	:	3,5 kg/dm ³
Loose bulk density	:	1.7 kg/dm ³
Conductivity	:	less than 25 mS/m
Water-soluble chlorides	:	less than 0,001% (m/m)

Fine	0,2 - 0,7 mm
Standard	0,2 - 1,4 mm

Chemical Analysis (XRF) %

Mean values. These do not represent a specification.

FeO	42-48%
SiO ₂	35-39%
Al ₂ O ₃	3-6%
CaO	2-4%
MgO	1-3%
Free quartz	<1.0%
Other	traces only

Availability

Fajalit is produced in Västerås, Sweden.

Packing

- In loose bulk by silo truck
- Bags of 25 kg, on shrinkfoiled export pallets of 1050 kgs.
- Strong woven polypropylene big bags of 1000 kgs, with 4 lifting loops.
- Other packing options on request.

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ISO

Fajalit is produced according to product standards ISO 11126-3 and 11127.

For product information and customer service

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WARNING - Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

The technical data presented here is for marketing purposes only and is not contractually binding. The data herein is determined using standard test methods. We reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS. All sales are undertaken strictly in accordance with our "General Conditions of Sale", available upon request, or by a written sales agreement duly signed by us.