

Product Data Sheet

AFESIKOS®

AFESIKOS® is a synthetic, mineral, environment-friendly blasting abrasive in accordance with ISO 11126-4 N/CS/G. It consists of slag-tap granulate form which ferritic constituents have been removed almost completely.

AFESIKOS® can be used in accordance with the requirements of BGR 500, Part 2, Section 2.24, "Working with blasting equipment", and has the following technical details:

CHEMICAL ANALYSIS

Aluminium silicate glass melt;
chemical composition calculated as oxides:

Silicon dioxide	42 – 58 %
Aluminium oxide	23 – 32 %
Iron (III) oxide	3 – 15 %
Calcium oxide	2 – 8.5 %
Potassium oxide	0.5 – 4.6 %

The metals present are chemically bound in the form of silicates or aluminates.

CONTAINS NO WATER-SOLUBLE CONSTITUENTS

CONTAINS NO FREE CRYSTALLINE SILICIC ACID

CONTAINS LESS THAN 0.1% METALLIC IRON

Specific weight/ grain density	2.4 – 2.6 kg/dm ³
Bulk density, for standard grain sizes	1.05 – 1.4 kg/dm ³
Mohs hardness	min. 7

ABRASIVE BLASTING SYSTEMS

- Compressed air blasting systems
- Injector blasting cabinets
- Slurry blasting systems

FIELDS OF APPLICATION

- Blast cleaning
- Blasting of non-ferrous metals
- Blasting of wood
- Gentle cleaning of sensitive surfaces (moulds and tools)

GRAIN SIZES

GRADES No.:

- 1 0.04 – 0.18 mm
- 2 0.125 – 0.35 mm
- 3 0.20 – 0.50 mm

PACKING

- 25 kg paper bags on EURO pallets
- 1,000 kg/ 1,500 kg big bags

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STEAG Power Minerals GmbH
Duisburger Str. 170
46535 Dinslaken, Germany
E-Mail: pqa@steag.com

