



ASILIKOS^{NEW}

The **new Asilikos** is a mineral, environmentally friendly blasting abrasive made from a mixture of synthetic aluminium silicate from coal slag granulate and natural aluminium silicate from volcanic lava. The new Asilikos is produced in Lünen (Germany) and/or Dordrecht (The Netherlands)*, based on ISO 11126-4 and 11126-11 with the following technical data:

Chemical Analysis

Chemical composition calculated as oxides:

SiO ₂	42 – 58 %
Al ₂ O ₃	13 – 32 %
Fe ₂ O ₃	3 – 15 %
CaO	5 – 18 %
K ₂ O	0,5 – 4,6 %
Other	traces only

The metals present are chemically bound in form of silicates or aluminates. All values are given in percent by mass.

Grain Sizes

*Lünen	*Dordrecht
0.2 – 0.5 mm	0.2 – 0.6 mm
0.2 – 1.0 mm	0.2 – 1.0 mm
0.2 – 1.4 mm	0.2 – 1.4 mm
0.2 – 2.0 mm	0.2 – 2.2 mm
0.5 – 1.4 mm	0.5 – 1.6 mm
0.5 – 2.0 mm	0.5 – 2.2 mm
1.0 – 2.0 mm	0.8 – 2.2 mm
1.4 – 2.8 mm	1.2 – 2.2 mm

Other grain sizes on request.

Physical Properties

Shape	angular
Color	grey / black
Hardness	min. 7 Mohs
Specific density	2.4 – 3.0 kg/dm ³
Loose bulk density	1.05 – 1.4 kg/dm ³
Conductivity	< 250 µS/cm
Water-soluble chlorides	< 0.001 % (m/m)
Free crystalline silica	≤ 1 % (m/m)

Abrasive Blasting Systems

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

Fields of Application

- Blast cleaning
- Roughening
- Derusting

Packing

- 25 kg paper bags on pallets
- 1,000 kg/ 1,350 kg big bags
- in bulk

