

Product Data Sheet

ASILUX

ASILUX is a synthetic, mineral, environment-friendly decorative building material on the basis of aluminium silicate glass melt, with 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

SPECIAL FEATURE

EG certificate of compliance with DIN EN 12620 is available for ASILUX 1 - 2 mm and ASILUX 1 - 3 mm.

USE

- Decorative building material, glossy grit
- Facing material
- Aggregate

FIELDS OF APPLICATION

- Concrete blocks, paving slabs, terrace slabs, kerbstones
- Exposed-aggregate concrete, facade cladding
- Cement, plastic materials
- Aquaristics, decorative house design and landscape gardening

GRAIN SIZES

- 1.0 – 2.0 mm
- 1.0 – 3.0 mm
- 2.0 – 5.0 mm

PACKING

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

August 2021

EP Power Minerals GmbH
Duisburger Str. 170
46535 Dinslaken, Germany
E-Mail: pqa@ep-pm.com

