

**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 <sup>3</sup>
Bulk density, for standard grain sizes	1.05 – 1.4 kg/dm <sup>3</sup>
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/ 1,500 kg big bags
- in bulk

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