

Product Data Sheet

ASILFIL

ASILFIL is a synthetic, mineral, environment-friendly gritting 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

Specific weight/ grain density	2.4 – 2.6 kg/dm ³
Bulk density, for standard grain sizes	1.1 – 1.4 kg/dm ³
density	2.65 – 2.7 kg/dm ³
Proctor density	1.3 – 1.5 kg/dm ³
void volume	37 – 42 %
angle of repose/ shear strength	40 – 45°
uniformity coefficient U d60/d10	3 – 6
coefficient of permeability k (10 ⁻³ m/s)	1 – 3

USE

- filter granulate

GRAIN SIZES

- on request < 5mm

PACKING

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

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