



NATURAL ANHYDRITE

CAS No.: 7778-18-9

Chemical Formula: CaSO_4

Natural Anhydrite (Calcium Sulfate Anhydrous) is a finely ground, air-classified powder produced from natural calcium sulfate. It provides a controlled particle size distribution for use as a mineral additive in cementitious systems.

APPLICATIONS

- Used as a non-shrinkage filler in cementitious admixtures such as self-leveling compounds, high early strength cement, high alumina cement, and grouts.
- Supplies SO_3 , which reacts with C_3A to generate expanded ettringite and monosulfate crystals, compensating for shrinkage during cement hydration.
- Typical dosage: 5–30% w/w of cement powder, depending on the cement type and admixture formulation.

TYPICAL PROPERTIES

Property	Specification
Appearance	White powder
Calcium Sulfate Anhydrous Purity (min)	88.0 – 95.0%
Free Moisture (max.)	0.5%
Fineness	d90: 325 mesh



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 25 kg bags
- 1,200 kg Super Sacks
- Other packaging options may be available upon request

STORAGE & SHELF LIFE

Store in original, sealed packaging in a dry place, away from direct sunlight. When stored as recommended, the product maintains stability for its typical shelf life.

SAFETY & HANDLING

Refer to the product Safety Data Sheet (SDS) for full information on safe handling, protective equipment, and regulatory compliance.