



### Product description

A low-viscosity lithium silicate-based surface hardener exhibiting a capillary effect for cementitious substrates. It infiltrates the pores of concrete or screed, resulting in the formation of an insoluble calcium silicate hydrate.



### Application Areas

- Indoors and outdoors,
- Concrete floors, cement screeds, tiles, and stone coverings must be resilient and free of dust.
- In manufacturing plants, industrial establishments, and workshops,
- In storage facilities and workshops,
- Utilized in aircraft hangars and helipads.



### Technical specifications

Intensity	1.0 -1.1 g/cm <sup>3</sup>
Wait time	30-60 minutes
Time for a stroll	1-2 seconds
Temperature range of applicability	from +2°C to +50°C
Total drying duration.	7 days

The information presented in this technical data sheet is derived from data collected during testing. The user assumes full responsibility for the proper use of our original product. Our company is exclusively accountable for the product's quality. This data sheet supersedes the information found in the prior data sheet. Our company retains the right to modify any information included in this data sheet.



### Advantages

- Enhances the durability of concrete and cement floors against dust accumulation and abrasion.
- The treated surface attains a smooth and lustrous finish.
- Upon hardening, it creates a surface that is both waterproof and dustproof.
- Offers durable and efficient surface protection.
- Prevents the development of cracks on the concrete surface.
- It allows the passage of water vapor.
- It is ecologically sustainable.



### Preparing the foundation

Application surfaces must be solid, self-supporting, dry, clean, and devoid of substances that may hinder adhesion, including dust, oil, paint, hardeners, detergents, molding oils, and silicone.



### Mixture

AD-2603 is prepared for use; there is no requirement to incorporate external substances.



### About the Application

Apply to freshly poured concrete or screed utilizing a spray gun. Administer a single coat to the surface, ensuring it adequately fills the pores. The surface should remain moist for 15 to 20 minutes post-application. If it dries rapidly, an additional coat may be necessary. The surface will be ready for use within 1 to 2 hours following application. Complete curing takes place within 7 days.



### Consumption

For smooth surfaces, 0.100-0.200 kg/m<sup>2</sup> is recommended. For polished surfaces, a minimum of 0.200 kg/m<sup>2</sup> is advised.



### PACKAGE

Plastic containers, 30 kg



### Shelf life

In unopened packaging, it can be stored for 12 months in a cool, dry location shielded from sunlight at a temperature ranging from +10°C to +25°C.



### Attention

Avoid application in environments where ambient temperatures fall below 5°C or exceed 30°C. Refrain from applying in direct sunlight, rain, or windy conditions. Do not apply to surfaces that have been subjected to prolonged sunlight exposure, nor to frozen surfaces or those at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life, may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a tightly sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with abundant water.

S29: Do not discharge into drains.

S46: If ingested, seek medical attention promptly and present this container or label.