

TERRASEAL®**Silicate-lithium curing compound****PRODUCT DESCRIPTION**

TERRASEAL is a highly-efficient chemical agent for the curing and sealing for decorative screeds TERRAFLOOR and grinded concrete floors. The most advanced technology using elements of NANOTECHNOLOGY® of polymer, silicate and lithium compounds of the highest silicate modules allows to obtain a highly-resistant cement matrix of extreme physical and chemical properties thanks to the penetration and strengthening of concrete at the molecular level. Additional modification with a specially selected polymer binding agent provides the maximum level of sealing the concrete by bonding those ingredients of the concrete matrix that are devoid of free calcium compounds. The agent based on lithium silicate deeply penetrates the surface of concrete and by entering into reaction with free calcium hydroxide creates a hard, resistant, tight and coherent structure. Thanks to the application of TERRASEAL, the surface is protected against dusting, penetration of liquid substances (oil, salt solutions), moisture and alkaline blooming. Hard, abrasion resistant surface still remains a vapour-permeable structure, which prevents the creation of destructive pressures inside the floor plate. A surface protected with TERRASEAL is easy to keep clean.

USE

To be used on old and newly-made concrete floors in warehouses, production halls, food and pharmaceutical production plants, commercial and religious facilities.

PRODUCT CHARACTERISTICS

- Protects concrete against quick evaporation of water
- Reduces to minimum the creation of contraction cracks
- Provides protection against dusting by increasing resistance to abrasion
- Limits the absorption of oils, thus increasing the protection against dirt
- Easy application
- Ready to use.

APPLICATION CONDITIONS

The substrate and ambient temperature should be between 5°C and +30°C.

MIXING

TERRASEAL is provided ready to use. Mix the contents of the pack thoroughly.

Protect from freezing.

METHOD OF USE

The surface of the floor must be homogenous and free from impurities. Before applying the preparation, all impurities (dirt, dust, oil spills, impregnations, care products) should be removed mechanically and all defects and damages repaired.

TERRAFLOOR and polished floors:

In order to obtain the best result, it is recommended to grind the surface with planetary machines to the gradation of Klindex MCK 3 tool. Apply the preparation on the dry surface with spraying method and spread it with a microfibre mop, until the entire surface is covered, so that the floor remains wet for 15 minutes. Repeat the appli-

cation in faster drying places. Then wait 3-6 hours depending on the ventilation of the room and continue the grinding process.

NOTE:

It is recommended that the floor be maintained dry for 3-7 days after the work, as this will allow to avoid surface salt blooming. The declared resistance and strength will be achieved after about 28 days from the application. During use the surface will increase its hardness, strength and gloss. In case of dusting and porous surfaces, the amount of preparation used will differ from the recommended one. It is recommended that the preparation be applied on a trial area first.

CLEANING TOOLS

The equipment and tools should be cleaned with water immediately after use.

SAFETY MEASURES

Rooms in which works are carried out must be well ventilated. Workers should use protective clothing, shoes, glasses and gloves. In case of contact with the skin, immediately wash the soiled places with water with soap. This is an alkaline preparation which may irritate the eyes and skin. In case of allergic reaction consult your physician. The preparation is harmless to the environment. Keep out of the reach of children.

MISCELLANEOUS INFORMATION

All the information herein refers to products stored and used according to our recommendations, has been presented in good faith and takes into account the current state of knowledge and experience of BAUTECH. You are obliged to use the product in accordance with its intended purpose and BAUTECH's recommendations. All the technical information provided is based on laboratory tests and trials. Out-of-laboratory tests may give different results due to the conditions, location, manner of application and other circumstances that are out of BAUTECH's control. Any different recommendations issued by our employees must be made in writing; otherwise, they shall be deemed null and void. These instructions replace all the previous ones and make them void.

PACKAGING

20 l, 200 l

STORAGE

6 months from the date on the packaging, if stored in original, tightly closed packaging, in ventilated rooms, at the temperature between 5°C and 25°C. Protect from direct sunlight.

PROTECT FROM FREEZING!

TECHNICAL DATA

Density	about 1,0 g/cm ³
Consumption	1 litre / 12-15 m ²
Number of layers	1
Drying time, 20°C	about 1 - 2 h
Chemical resistance	oils, coolants, ethyl alcohol, detergents etc.
Application temperature	from +5°C to +30°C

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