



ACQUA SILICATO

Anti-dust sealing
hardener desifier for
cement flooring



konstruktive · **leidenschaft**



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DESCRIPTION

ACQUASILICATO is a single-component liquid hardener densifier for protecting, sealing industrial floors and internal cement surfaces with a hardening and anti-dust action. Applied on mineral industrial flooring it solidifies increasing the chemical resistance and limiting the formation of abrasion dust. Penetrating up to a depth of 7 mm, by chemical reaction with free calcium the product makes the treated surface more resistant to water, to stains and abrasion, improving maintenance and increasing durability.

It can be applied in manufacturing facilities, warehouses, distribution centres, food processing plants, cold or refrigerated rooms, parking lots, hangars, showrooms, offices, shopping malls and in all areas where there is a need to increase the resistance and the durability of concrete.

The product is also used in polishing cycles of concrete and industrial floors to increase the durability of the polished surface.

COMPOSITION

ACQUASILICATO is a single-component liquid formula based on Lithium polysilicate stabilized in aqueous dispersion.

MIXING AND APPLICATION

The surface must be healthy, consistent, free of dust and unstable parts. It must also be dry, absorbent and free of cracks. Remove any cement residue, oil, dust, grease, detached or friable parts by power washing or sanding. Repair surface using appropriate repair mortar for concrete.

Mix the can of **ACQUASILICATO** thoroughly by shaking before use.

Apply to the surface evenly using a low pressure nebulizer or in the case of small surfaces, manually with a soft-bristled broom or a microfiber cloth. Smooth over any product build-up using soft bristle broom or Microfiber cloth. Keep the surface humid for 20 ' -30 ' minutes to facilitate product penetration by adding more product if necessary.

The treated floor can be walked on after a few hours of application. The polymerization may take up to 2 weeks from when applied.

In the case of application during damp or cold periods or for indoor use, the product may stay wet for a long time. After 60 minutes of application the excess product must be removed manually or by washing the surface with a mechanical floor washer.

In the case of application on a coloured or acid treated surface, remove any excess product within 20 ' -30 ' minutes of application manually or by washing.

INDICATIVE AMOUNTS

Concrete: 0,070-0,080 litres per m².

Cement screed: 0,150-0,200 litres per m²

COLOUR

Transparent white.

PACKAGING

Plastic can of 25 litres.

STORAGE

24 months in original intact packaging and protected from frost.

RECOMMENDATIONS

Apply in temperatures between + 5°C or above + 35°C.

Do not apply to surfaces that are frozen, thawing or at risk of freezing within 24 hours after





application.

Prior to application, perform a test on a portion of the surface to be treated to ensure the absence of any contaminants that may be incompatible with the product.

Do not use acidic or citrus-based cleaners.

If dyes or acid detergents have been used neutralize the surface with an alkaline product (e.g. trisodium phosphate).

Do not use a high pressure nebulizer.

In the case of applications during high temperatures or in the presence of strong wind it is recommended to wet with water the surfaces to be treated before applying the product in order to lower the temperature and avoid a fast absorption of the product.

In the case of contact of the product with glass surfaces, fabrics, metal or painted surfaces, wipe immediately with a damp cloth and dry with a clean cloth.

Do not use on tarmac surfaces, non-cementitious materials or painted surfaces.

PRODUCT DATA

<i>Appearance</i>	liquid
<i>Colour</i>	transparent
<i>Type</i>	Lithium polysilicate stabilized in aqueous dispersion.
<i>Maximum storage temperature</i>	+ 35°C
<i>Minimum storage temperature</i>	+ 5°C
<i>Specific weight</i>	1,11 g/cm ³
<i>pH</i>	11

APPLICATION DATA

<i>Minimum application temperature</i>	+ 5°C
<i>Maximum application temperature</i>	+ 40°C
<i>Minimum working temperature</i>	- 20°C
<i>Maximum working temperature</i>	+ 70°C
<i>Minimum waiting time for complete penetration</i>	20'-30' minutes
<i>Complete reaction time</i>	14 days
<i>Set to light foot traffic</i>	2-3 hours

VOC

Product not intended for use provided for by the Directive 2004/42/CE.

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.

