

# SILICATO 1301

WATER-BASED EPOXY SKIM COAT  
FOR FLOORS AND DECORATIVE COATINGS



## DESCRIPTION

SILICATO 1301 is a one-component, low-viscosity, liquid anti-evaporating-consolidating agent for concrete that penetrates deeply by capillary absorption into all absorbent surfaces. Silicates exert consolidating, hydrophobizing and protective action against concrete.

The product is ready to use.

Does not yellow when exposed to UV light.

Absence of volatile substances (VOC = 0).

## FIELDS OF USE

SILICATO 1301 is particularly suitable for the following applications:

- Seasoning consolidation and dustproofing treatment of outdoor flooring such as parking lots, airport hangars, aprons, logistics hubs, warehouses, etc.;
- Interior of rooms such as garages, warehouses, basements, etc.

## PACKAGING

25 kg plastic canisters

200 kg drums

1000 kg canisters

## CONSUMPTION

100-120 g/m<sup>2</sup>

## FEATURES AND BENEFITS

- 28-day increase in compressive strength;
- Cement treated with SILICATO 1301, is resistant to washing, resistant to vehicular traffic, and is not sticky so it does not give dirt retention;
- SILICATO 1301 can be applied immediately after the floor finish;
- After curing it can be overcoated, after proper preparation, with the most common epoxy and polyurethane-based systems in both water and solvent dispersion;
- With use, the floor permanently self-polishes;
- Good chemical resistance to occasional attack by deicing salts;
- Content of volatile organic substances (VOC)=0.

## CERTIFICATIONS

ISO 9001 certified quality management system.

(Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



## SUBSTRATE PREPARATION

The surfaces to be treated should be flat, clean, and free of crumbling and/or detaching parts.

## PRODUCT PREPARATION

The product is ready to use; it does not require any dilution. Shake before use.

In case of application on smooth and low absorbent surfaces, dilute by 30% with clean water.

## METHOD OF APPLICATION

Apply SILICATO 1301 with a sprayer or low-pressure spray, evenly, then remove all excess material.

SILICATO 1301 is applied by spray, brush or roller, Spread evenly and avoid surface stagnation of excess material.

SILICATO 1301 can be applied immediately after the cementitious product has been made.

## CURING

Refer to the table below for drying and curing times (at 20°C).

Out of dust	30 minutes
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## MAINTENANCE

The use of scrubbing machines with high-pressure brushing increases the speed of floor sealing. So does the abundant use of water during scrubbing. Use APSEWASH - DECOCLEAN for cleaning and cleansing.

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## CLEANING OF TOOLS

Equipment used for the preparation and application of SILICATO 1301 must be cleaned immediately after use with water; after the product has cured, removal may be done only mechanically.

## STORAGE

Shelf life of more than 12 months when stored in original packaging in a dry, moisture-free place. Frost hazard. Store at temperatures between +5°C and +35°.

## HEALTH AND SAFETY

For information on safety regulations, hazard statements and precautionary advice, please rely on the latest MSDS by making a request to: [laboratorio@apsebg.it](mailto:laboratorio@apsebg.it)

## DISPOSAL

Dispose of contents and/or container in accordance with local regulations.

## PRODUCT TECHNICAL DATA

FEATURE	STANDARD	RISULTATO
Appearance	-	Liquid
Color	-	Transparent
Specific gravity	EN ISO 2811-1	1,20 g/cm <sup>3</sup>
Viscosity	EN 8490	100 cps

The data given above are information obtained from our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes any previous revision, all under the continuous verification of the data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website: [www.apse.it](http://www.apse.it)

