

aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior]

aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] is a mineral, solvent-free, water-dilutable, vapor-permeable, highly opaque silicate paint, in accordance with DIN 18363 internal coating based on high-quality silicates and thermal-insulating pigmentation. The addition of aerodurit[®] additives also creates millions of micro air bubbles and active capillarity, which at the same time dramatically increase the cohesion and adhesion of solids to one another and to substrates. The combination of nano-pigment and microbubble specifically increases the interior and top surface of the paint layer. The coating is characterized by extremely high resistance, resilience, opacity and excellent adhesion. aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] adheres to almost all surfaces.

aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior]:

- environmentally friendly
- diffusion-open
- permanent dehumidification
- colorfast
- regulates the vertical heat spreading
- reflective
- dirt-dissolving
- good coverage
- easy to process
- bactericidal (no fungus breeding ground)
- water repellent
- washable
- heat energy-saving

TECHNICAL SPECIFICATIONS

Water vapor permeability: approx. 404.3 g / m² • d, diffusion equivalents air layer thickness: approx. 0.05 m

FIELD OF APPLICATION

aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] has excellent humidity and climate control properties. At the same time, thermal insulation and thermal storage values are improved. For wet areas indoor. aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] is used as a preventive measure in case of high value of humid indoor climate, wet areas such as wellness rooms (for example steam-saunas). On mineral substrates such as plaster, concrete, on wood and adherent old coatings as well as on all substrates suitable for emulsion paints.

PRODUCT YIELD

Depending on the condition of the substrate and its pretreatment according to application method and number of layers from 150ml / m², per liter 6-7 m². To determine the exact consumption, create a sample surface. Only dilute with drinking water up to 5% if necessary.

MIX TIME AND CONSISTENCY

Consistency: aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] is ready to use after thorough stirring. If necessary, it can be diluted with a little water (for use as a primer).

UNDERGROUND PRE-TREATMENT AND PROCESSING

All substrates must be dust-free, stable, efflorescence-free and release-agent-free. aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] can be applied to all mineral substrates, lime cement plasters, lime plasters, clay plasters, plasterboard, Fermacell, etc., as well as for old adherent lime, mineral and silicate old paintings. Sandy and absorbent surfaces must be stabilized by appropriate measures. To increase firmness use Silicate Fixative. Not to solidify or insufficiently adherent substrates must be completely removed. In case of doubt, make a test coat. The guidelines of the VOB, Part C, DIN 18363, paragraph 3 must be observed.

For paint applications, ensure that the material is evenly applied and spread so that it can function properly due to the required layer thickness.

- Mix the silicate interior paint well before processing. Undiluted, or with up to max. 5-10% silicate fixative or water to processing consistency. Tint only with suitable tinting concentrates. Do not mix with colors of other binder classes.
- The job can be done with a roller, brush, wall brush, or sprayer. For airless spraying, preferably attach a sieve bag in front of the intake. Two coats are needed.
- Cover areas which are not intended before painting, in particular of glass or aluminum. Immediately wipe off paint splashes with water.
- Clean tools with clear water immediately after use. Caution: Application of silicate coatings requires experience and expertise. Repaintable after approx. 5 hours.

DRYING

Processing temperature for material, circulating air and substrate +5 to + 30 degrees Celsius. Drying time approx. 5 hours at + 20 °C and 65% rel. humidity. To obtain a uniform looking, always use aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] from the same batch.

IMPORTANT NOTE



Attention! Avoid skin and eye contact, wear gloves and goggles (not glass). Window panes, metal parts, stone borders, etc. are easy to cover. Clean paint splashes and stains with water immediately. Wash tools thoroughly with water immediately after use.

COLOR

For aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior], more than 1000 color shades are possible based on the NCS color system.

STORAGE and DELIVERY FORM

aerodurit[®] SOLAMENT Climate Silicate Paint [interior & exterior] is delivered ready for use in a bucket. Store always cool and frost-free, if possible store on wooden grates. Close already opened containers well. Do not exceed storage period of approx. 6 months.

REST DISPOSAL

Paint residues that are no longer required should be allowed to dry completely and disposed of as household waste or disposed of for local disposal.

Waste key number 080112

Outside the Federal Republic of Germany, the corresponding country-specific provisions must be observed.

The information contained in this technical information is based on proven experience. A liability for the general validity of the individual data and recommendations must, however, be ruled out due to the different processing conditions, since application and processing methods are beyond our control. The general rules of construction engineering must be respected. The values of self-monitoring and external monitoring can show deviations at the construction site due to the method of processing, the intensity of the mixing, the machine technology, the absorption behavior of the substrate, the application thickness, climatic environmental influences and age (cf. research community lime and mortar, report in standardization, Practice and theory of the 26th Aachener Baustofftag). As of 10.2018.