

- No. 0298 **KOCH Bio Silikat Fassadenfarbe** mit Sol  
**KOCH Bio silicate exterior paint** with Sol
- No. 0297 **KOCH Bio Sol Silikat Fassadenfarbe**  
**KOCH Bio Sol silicate exterior paint**
- No. 0299 **KOCH Restaurator Bio Silikatfarbe** mit Sol  
**KOCH Restaurator Bio silicate exterior paint**  
with Sol



**Technical Data Sheet**

Item No. 0297 -. 0299, date 10.15.2014, page 1 - 3, EN

**No. 0298 Bio silicate facade paint**

The classic silicate paint without plastic dispersion not only suitable for mineral substrates and on a variety of organic substrates without additional bonding agent and primer and ETIC - systems. and suited to a variety Under reason to organically bound paint systems. For residential premises, Warehouses, listed buildings, churches, hospitals, nursing homes, kindergartens, schools.

**Bio Sol silicate facade paint**

Component quality silicate paint without dispersion. Protection against fungus and algae.

**Restaurateur Organic silicate facade paint**

Specially developed for listed building pure component quality silicate paint without dispersion gives the building a typical old town flair of historic buildings in a matte Vintage White

Others	System	Silicate - System
Quality: VOB / C DIN 18363 2.4.1	Process	Suitable rollers, brushes. Airless
For processing ready	PH value	approximately 11
Creating plots: compellingly	Drying time	12 Hours
Working temperature: + 5 ° C	Consumption	approximately 0.200 Ltr. / Sqm.
Storage: Frost Free	Transport Plate	eliminates
Classification according to does not require labeling	If then dilute with mandatory:	Cook Bio fixative was up to 5% not tinted provided.
EC Waste Code EWC-Code: 080112 paint.	Cleaning tools	Water
Oily Substrates not suitable	Material Safety Data Sheet:	note
before use stir vigorously with whisk	Use	not intended for human consumption
Paintings 2 x	Density	ca 1.45 g / ml
EU Customs tariff number 32100090	Best before [date:	12 months, cool, frost-free conditions

**Other Features:**

- Universally applicable	- UV-stable and resistant.	- Lightfast pigmented	- Highly permeable
- Highly water-repellent	- Not film-forming	- Highly alkaline	- Elastic
- Non-combustible according to EN 13501-1	- Lightfast inorganic pigments	- Resistant to algae, fungus, acid rain	- Without Hydrobierungsmittel
- Mineral matt	- Without dispersion	- Non-thermoplastic	- Antistatic
- Einpomentig	- Incapable of swelling	- Hue Resistant	- Plasticizer 0%
- Small organic additives below 0.5%	- Not film-forming	- Water resistant	- Fully Declares
- Plastic dispersion 0%	- High weather resistance	- Solvent / VOC 0%	- Suitable to organically bound colors
- Stress	- High color retention A1	- Without preservatives	- Suitable for allergy sufferers
- Preservatives 0%			

**Tone down**

No. 0298 KOCH Bio silicate exterior paint Nr. 0297 KOCH Bio Sol silicate exterior paint Available machine-tinted for KOCH color chart Exclusiv, or solely with No. 0603 -. 0760 KOCH universal tinting concentrate (alkaline compatible) a maximum of 5%. Tinted color should not be diluted.

**Tone down**

No. 0299 KOCH Restaurator Bio silicate exterior paint Exclusively with No. 0603 -. 0760 KOCH universal tinting concentrate (alkaline compatible) a maximum of 5%. Tinted color should not be diluted.

## Underground

Underground on adhesion and viability check brush chalking paint. The substrate must be sound, clean, dry, without wax without silicone, (see VOB) primer without dust: Loose particles of old coating with a spatula or a pressure washer to remove.

## Flaws

Defects must be supplemented and species matched mend and adjust the structure. Make New plastered are with no. 0470 KOCH Ecoprimer Silicate Primer. Sinter layers must be removed from new plasters with no. 0470 KOCH Ecoprimer Silicate Prime.

## Crumbling underground:

Dilute with Nr. 0407 KOCH Ecoprimer FixActiv with 20% water and pretreat.

## Structural differences, hairline cracks

For repairs, crazing structural differences primed with no. 0377 KOCH Ecoprimer silicate bonding & blocking primer PIG-QU is necessary.

## moldy, veralgter underground

treat with no. 0401 KOCH Organic mold Stop .

## Lime plaster, lime cement plaster, cement plaster

Drying, check strength and new plasters with no. 0470 Koch Ecoprimer Silicate Primer.

## Composites EIFS, absorbent plaster

Not pretreat with no. 0470 KOCH Ecoprimer Silicate Primer ! Dilute with Nr. 0407 KOCH Ecoprimer FixActiv with 20% water and apply and saturate.

## Calcareous sandstone, brick, natural stone, concrete fiber cement

Thoroughly clean possibly with Pressure Washer , release agents, dirt and flour grain removed. Check for moisture damage and efflorescence. Dilute with Nr. 0407 KOCH Ecoprimer FixActiv with 20% water and apply.

## Weather sites

An exposed weather sides or faces without roof overhang at steeples, noise barriers, etc. is a hydroboration with no. 0380 KOCH Biokosil silicate facade impregnation . Apply undiluted wet 10 days 2 x in wet vigorously - after the final painting and drying time of 8.

## Airless settings

See: Technical Data Sheet Airless

## Colors

	Hue
No. 0298 KOCH Bio silicate exterior paint	White, RAL 9010 matt
No. 0297 KOCH Bio Sol silicate exterior paint	White, RAL 9010 matt
No. 0299 KOCH Restaurator Bio silicate exterior paint	Vintage White matt

## Colors

	strong anti-fungal, algal unconstitutional	suitable for allergy sufferers	Suitable systems - On ETIC
No. 0298 KOCH Bio silicate exterior paint	X	X	X
No. 0297 KOCH Bio Sol silicate exterior paint	X	X	
No. 0299 KOCH Restaurator Bio silicate exterior paint	X	X	

	Imperative: No. 0377 KOCH Ecoprimer silicate bonding & blocking primer PIG-QU.	(Or) Mandatory: No 0407 KOCH Ecoprimer FixActiv e or KOCH Ecoprimer Silicate Primer	(Or) Mandatory: No 0314 KOCH Ecoprimer Sil swipe primer PIG PIG.
. No. 0297 No. 0297 KOCH Bio Sol silicate exterior paint t, No. 0299 KOCH Restaurator Bio silicate exterior paint suitable for.:			
Lime plaster, lime cement plaster, absorbent natural stones, clay, plaster, drywall, concrete, fiber plaster, silicate paint, mortar group PI, PII CSI, CSIV	X	X	
Old coatings: plastic emulsion paints, silicone resin emulsion paints, silicate paints natural resin paints, etc.	X		X
Old coatings: whitewash, clay paints		X	X

## No. 0298 KOCH Bio silicate exterior paint with Sol Suitable for:

On old coatings such as latex paints, silicone resin paints, acrylic paints or plasters, mineral substrates. No primer required.

## Ground smooth:

With no. 0203 KOCH organic silicate spatula

## Not suitable on:

Latex paint, wood, oil paint, varnish, aerated concrete assembly components, gypsum, clay, salt and moisture-loaded surfaces.

### **Processing to third-party products / use of third-party products**

Because of the variety of products on the market own tests must be carried out by the processor to assess the compatibility with other products. Mixing with products that are alien to the system is not permitted! The same goes for Koch paint Factory products that are not part of the silicate system. Stay so get the special characteristics of the product, it is forbidden to add foreign substances.

### **Composition (all ingredients)**

Mineral fillers, purely mineral potash water glass, carbohydrates, silica, titanium dioxide, vegetable emulsifier, methylcellulose, water, without plastic dispersion

### **Identification**

eliminates

When working Protective clothing, protective gloves, safety goggles, face protection.

### **Processing: Conditions**

Do not apply in direct sunlight, not use on heated by the sun Grundn. Coated surfaces protect against sun, wind and rain as well as during and after processing. Air temperature and substrate temperature + 5 ° C must not be undercut.

### **Safety note**

Covering: z. As glass, ceramics, wood, paint, brick, metal, etc.

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Information describes exclusively technical characteristics of the product / products. To the best of our knowledge. Offers no assurance of properties within the meaning of the legal warranty regulations. Delivery specifications refer. The technical information has been prepared in accordance with the European legislation.

### **Technical Information Sheet, Issuing Company: Contact person:**

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