

## JOTUN Silikat Murmaling

### Product description

#### Type

One-component silicate paint according to DIN 18363, 2.4.1, based on lightfast, inorganic pigments and fillers. Creates a chemical connection to the mineral substrate and follows the movements of the substrate at changing temperatures.



#### Features and benefits

Especially suitable for calcareous plaster. Highly permeable. Very weather resistant. Long maintenance intervals.

#### Recommended use

Mineral surfaces outdoor and indoor such as facades and other surfaces of new or cleaned plaster, absorbent stone, gas concrete, limesandstone, etc. Untreated bricks must be plastered before painting. New plaster should be applied according to current standards.



Alkaliefast pensel/rull



Vann/  
JOTUN Penselrens

### Product data

<b>Packaging size</b>	10 L (filling level 9 L).
<b>Base availability</b>	A and C.
<b>Tinting</b>	Use inorganic tinters only. The quality of a tinted product will reduce when stored more than one year.
<b>Colors</b>	White and colours from Jotun's Masonry Swatches. Only outdoor colours approved by Jotun A/S are to be used.
<b>Gloss level</b>	Matt
<b>Generic type</b>	One-component silicate paint according to DIN 18363, 2.4.1.
<b>Solids by volume</b>	50 ± 2 volume%
<b>Specific gravity</b>	1.42
<b>VOC for Ready-for-Use Mixture</b>	EU limit value for the product (cat. A/c): 40 g/l. The product contains max 40 g/l VOC.

## Application data

Stir well. Paint should be regarded as a semi-manufacture. The result is dependent on construction, the condition of the substrate, temperature, application etc.

### Application equipment / methods

Apply evenly with a rough brush, roller or airless spray. Best results are achieved using a brush. Use only a stiff, alkali resistant brush when applied as a first or an intermediate coat. Accurate application is crucial for a good end result.

### Guiding data for airless spray

<b>Nozzle tip</b>	0.53 mm (0.021")
<b>Spray angle degrees</b>	65–80°
<b>Pressure at nozzle</b>	15 MPa (150 kg/cm <sup>2</sup> )

### Cleaning of painting tools

Water and **JOTUN Penselrens**.

### Dilution

One-component. Add **JOTUN Silikat Murprimer** when used as a primer or intermediate coat - see brochure.

### Spreading rate and film thickness

	Spreading rate per coat (m <sup>2</sup> /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
<b>Recommended:</b>	4 - 7	143 - 250	71 - 125
<b>Comments:</b>	Dependent on the surface texture.		

### Conditions during application

Temperature of air and substrate must be above +5 °C and below +25 °C during painting. Not to be used in direct sunshine.

### Drying times

The drying time depends on the surface temperature (min. +5 °C), absorption, humidity and air circulation.

#### The drying time is measured by stated values:

<b>Relative Humidity (RH)</b>	50 %	50 %
<b>Air temperature</b>	23 °C	10 °C
<b>Substrate temperature</b>	23 °C	10 °C

<b>Surface (touch) dry</b>	1 h	
<b>Recoatable, minimum</b>	10 h	20 h

<b>TØRKETID</b> <b>TØRKETID</b> <b>TØRRETID</b>	<b>Påføringsintervall/ Intervall mellan strykningar</b>	0t	10t	20t	Ved ca. 50% luftfuktighet
		+23 °C	+10 °C		
NO: Tørketiden avhenger av underlagets temperatur (min. +5 °C), sugeevne, fuktighet og luftbevegelse. SE: Tørketiden beror av underlagets temperatur (min. +5 °C), inträngning i underlaget, luftfuktighet och luftcirkulation. DK: Tørretiden er afhængig af underlagets temperatur (min. +5 °C), sugeevne, luftfugtighed og ventilation.					

## Directions for use

Pretreatment:	The substrate shall be firm, clean and dry. Fungus, soot and other contamination must be removed, using <b>JOTUN 3-i-1 Kraftvask og soppfjerner</b> / <b>JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> . Rinse with clean water. Any constructional weaknesses must be repaired before painting. New plaster should be allowed to cure for minimum 4 weeks before treatment. Substrates previously treated with an organic paint, must be restored to original condition (uncoated masonry) before recoating. Silicate will attack glass, metal and natural stone - should be covered. Bricks must be plastered according to current standards before further treatment.
Primer:	Bare walls as well as absorbent substrates must be primed with <b>JOTUN Silikat Murprimer</b> diluted 1:1 with water.
Mid Coats:	When need for crack bridging and smoothing of structural irregularities, apply 1 x <b>JOTUN Silikat Murfiller</b> (thinned with <b>JOTUN Silikat Murprimer</b> 5:1) before applying <b>JOTUN Silikat Murmaling</b> . <b>JOTUN Silikat Murmaling</b> used as an intermediate coat is mixed with <b>JOTUN Silikat Murprimer</b> as 2 parts <b>Murmaling</b> to 1 part <b>Murprimer</b> .
Topcoat	<b>JOTUN Silikat Murmaling</b> used as a topcoat should not be diluted and not be mixed with <b>JOTUN Silikat Murprimer</b> .

## Maintenance

Wash the house with NO: **JOTUN 3-i-1 Kraftvask og soppfjerner** / SE: **JOTUN 3-i-1 Kraftvask och mögeldesinfektion** diluted 1:15 when necessary.

## Management, Operation and Maintenance

Please refer to the FDV datasheet for information regarding maintenance and repair of the painted surface.

## Storage

In storage and in transport keep the container frost free and upright.

## Disposal of waste

Liquid paint must not be emptied into drains or watercourses. It must be delivered to an approved local environmental protection station.



Must be empty and dry

## Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

**First-aid measures**, refer to section 4.

**Handling and storage**, refer to section 7.

**Transport information**, refer to section 14.

**Regulatory information**, refer to section 15.

## Miscellaneous

### NOBB number

This document covers the following NOBB numbers:

54429953, 54429964, 54429972

### NOBB module number

42137564

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### Disclaimer

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Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (Eng) version will prevail.