

## 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.



### 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>pH value</b>	11
<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

#### Remarks

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

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

### Cleaning of painting tools

Water and **JOTUN Penselrens**.

### 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.		

### Dilution

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

### 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:

Relative Humidity (RH)	50 %	50 %
Air temperature	10 °C	23 °C
Substrate temperature	10 °C	23 °C

Surface (touch) dry		1 h
Recoatable, minimum	20 h	10 h

## Directions for use

#### Surface preparation:

The substrate shall be firm, clean and dry. Fungus, soot and other contamination must be removed, using **JOTUN 2-i-1 Kraftvask og soppfjerner** / **JOTUN 2-i-1 Kraftvask och mögeldesinfektion** / **JOTUN 2-i-1 Kraftvask/Træ- og Murrens** - window panels should be covered. 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

We recommend to wash the house using **JOTUN 2-i-1 Husvask og soppfjerner** / **JOTUN 2-i-1 Husvask och mögeldesinfektion** / **JOTUN 2-i-1 Husvask/Træ- og Murrens** if necessary.

### 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.



## 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

### Contact information

Jotun A/S  
Box 2021  
NO-3202 Sandefjord  
Norway

Tel.: +47 33 45 70 00

### Disclaimer

# Technical Data Sheet

## JOTUN Silikat Murmaling



The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

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.

This technical data sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at [www.jotun.com](http://www.jotun.com).