

## JOTUN DryTech Murmaling

### Product description

#### Type

Permeable, water repellent, silicone emulsion topcoat for outdoor use.



#### Features and benefits

Keeps all masonry pretty the longest. Prevents flaking. Dirt repellent. 2in1 unique technology - both permeable and water repellent.

**JOTUN DryTech Murmaling** is classified for high diffusion openness according to EN ISO 7783-2/DIN 52615 ( $S_d < 0,14 \text{ m}$ ) and in class for low water absorption according to EN ISO 1062-3 ( $W_{24} < 0,1 \text{ kg/m}^2\text{h}^{0,5}$ ).

Using non-fading mineral pigments and fillers will provide excellent weather resistance. Contains effective film conserving agent that counteract mould growth.

#### Recommended use

For all types of masonry, foundation, concrete, both untreated and previously painted.



### Product data

<b>Packaging size</b>	0,75 L (filling level 0,68 L) 3 L (filling level 2.7 L) and 10 L (filling level 9 L).
<b>Base availability</b>	A. C and Light Grey, Medium Grey, Dark Grey. and Dypgrå (Deep Grey).
<b>Tinting</b>	Can only be used in <b>Jotun Multicolor</b> tinting machines. Must be tinted using <b>Jotun Multicolor</b> . Only for Jotun murfarger (masonry colours). Grey bases and A-base can be tinted on any Jotun Multicolor tinting machine. A-base and C-base to be tinted on machines with special mineral tinters.
<b>Colors</b>	Hvit, Isgrå 7356 (Light grey base), Idyll 4456 (Medium grey base), Kveldsskygge 4455 (Dark grey base), and 4855 Lavendelgrå (Deep grey base). Colours according to Jotun's Masonry Swatches and Jotun's color chat for Masonry.
<b>Gloss level</b>	Matt
<b>Generic type</b>	Silicone emulsion paint
<b>Solids by volume</b>	43.2 ± 2 volume%
<b>Specific gravity</b>	1.54
<b>pH value</b>	8.5 to 9.6
<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

Measures one can take to avoid colour differences:

- Mix different production numbers together. Stir well.  
The production number can be found after the letters SZ or SV on the label in the front of the can.
- It is advantageous to use the same batch number within the same defined area. Changing the can in the middle of the wall or confined area, increases the possibility of a visible colour difference.
- There may be colour differences of paint which are mixed on different tinting machines and / or at different times. Please be aware of this if you need to buy more paint / opaque stain / stain for the same project at a later time.
- If you notice any visible differences, contact your point of sale or Jotun Technical Service (tel. 33457530).

### Application equipment / methods

Brush, roller or spray.

### Guiding data for airless spray

<b>Nozzle tip</b>	0.38 mm (0.015")
<b>Spray angle degrees</b>	40° - 80°
<b>Pressure at nozzle</b>	Min. 15 MPa (Min. 150 kg/cm <sup>2</sup> )

### Cleaning of painting tools

Water and **JOTUN Penselrens**.

### Dilution

The product shall not be thinned. Other compounds / oils should not be added to the product.

### 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>	6 - 9	111 - 167	48 - 72
<b>Comments:</b>	Depending on the substrate.		

### Conditions during application

The air and surface temperature must be above +5 °C and below +25 °C.

Do not paint if there is a risk of condensation or rain and wait until the film is dry.

- High humidity and low temperature will prolong the drying process.
- Warm air can hold more moisture than cold air, and in case of temperature drop this can cause condensation.
- Stagnant air retards the drying, and can provide greater risk of condensation.
- Low temperature and condensation can provide inadequate film formation / curing.

Where condensation is possible, one should therefore finish the painting job well in advance.

## 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	23 °C	10 °C
Substrate temperature	23 °C	10 °C

Dust dry	1 h	2 h
Recoatable, minimum	10 h	20 h

During unfavorable drying conditions (high humidity, fog, rain, low temperatures), glossy, lightly sticky streaks may occur on the paint film. The stripes consist of water-soluble substances, and will disappear by repeated or heavy rainfall. The permeable and protective properties of the paint will not deteriorate if striping occurs.

Påföringsintervall/ Intervall mellan strykningar/ Interval between coats	0t (h)	10t (h)	20t (h)	Ved ca. 50% luftfuktighet/ At approximately 50% rel. humidity
	+23 °C		+10 °C	

## Directions for use

Surface preparation:	The substrate shall be firm, clean and dry. New plaster should be applied according to current standards. Loose paint and plaster, and possible lime wash must be removed. Fungus, soot and other contamination must be removed, using <b>JOTUN 3-i-1 Kraftvask og soppfjerner / JOTUN 3-i-1 Kraftvask och mögeldesinfektion</b> . Rinse with clean water. New plaster should be allowed to cure for minimum 4 weeks before treatment. Any constructional weaknesses must be repaired before painting.
Primer:	Untreated/bare masonry/plaster/concrete must be primed with <b>JOTUN DryTech Murprimer</b> .
Mid Coats:	Smoothing of small cracks and irregularities: <b>JOTUN DryTech Murfiller</b> Smoothing of structural irregularities in the substrate and bridging of cracks up to 0.5 mm; 1 x <b>JOTUN DryTech Murfiller</b> Apply with brush - cross brushing/ random direction. Must always be overpainted with <b>JOTUN DryTech Murmaling</b> .
Topcoat:	2 coat <b>JOTUN DryTech Murmaling</b> . If <b>JOTUN DryTech Murfiller</b> is applied, 1 coat of <b>DryTech Murmaling</b> is sufficient.

## 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 and washing water with paint residues must not be emptied into drains or watercourses. It must be delivered to an approved local environmental protection station.



Must be empty and dry

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## 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.

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## Miscellaneous

### NOBB number

This document covers the following NOBB numbers:

54415317, 54415321, 54415336, 54415461, 54415476, 54415442, 54415457, 54415404, 54415412, 54415423, 54415438, 54415340, 54415355, 54415366, 54415374, 54415385, 54415393

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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.