

JOTUN Original Akryl Murmaling

Product description

Type

Silk matt, acrylic masonry paint, suitable for concrete, for outdoor use.

Features and benefits

Very good color and gloss durability. Wide range of colours. Protects against surface fungi (black spots).

Recommended use

For cement-plaster, concrete, asbestos cement and other mineral surfaces. Cement fibre boards are treated according to suppliers recommendation. This product is not recommended for plaster with high content of lime. The product is recommended for outdoor use only.



Product data

Tinting	Must be tinted using Jotun Multicolor .
Colours	White
Gloss level	07 Silky matt
Generic type	Pure acrylic paint.
Solids by volume	40 ± 2 volume%
Specific gravity	1.34
pH value	7.8 to 8.8
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/c): 40 g/l. The product contains max 40 g/l VOC.

Application data

Remarks

Can not be mixed with other paint products and do not mix in oil additives. **JOTUN Original Akryl Murmaling** shall not be thinned.

Contents of tins with different production numbers should be mixed.

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

Bases must be tinted using **Jotun Multicolor**. Content of cans from different productions and different tinting systems may cause shade differences. 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 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

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

Spreading rate and film thickness

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended:	6 – 9	111 – 167	44 – 67

Conditions during application

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

Cleaning of spillage

JOTUN Spezial wipes are recommended to clean spillage. **JOTUN Spezial wipes** are a convenient washing/ cleansing wipe for use before and during paint work.

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	30 min.	2 h
Recoatable, minimum	10 h	20 h

TØRKETID TØRKTID TØRRETID DRYING TIME	Overmalbar/ Övermålningsbar Dry to recoat	0t (h)	10t (h)	20t (h)	Ved ca. 50 % luftfuktighet/ At approximately 50% relative humidity
		+23 °C		+10 °C	
NO: Tørketiden avhenger av underlagets temperatur (min. +5 °C), sugeevne, fuktighet og luftbevegelse. SE: Torktiden 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. GB: The drying time depends on the surface temperature (min. +5 °C), absorption, humidity and air circulation.					

Directions for use

The substrate must be clean, sound and dry: Fungus, soot and other contamination must be removed, using **JOTUN 3-i-1 Kraftvask og Træ- og Murrens**. Rinse with clean water. The substrate's humidity level should be maximum 6% when painted.

Any constructional weaknesses must be repaired before painting.

Substrate	Surface preparation
New concrete/untreated concrete:	Any form of laitance, grease or oil must be removed by use of mechanical cleaning / sandblasting.
Plastered surfaces:	Loose plaster must be removed. New plaster should be applied according to current standards. New plaster must be dry and should be allowed to cure before further treatment.
Untreated bricks:	Bricks must be plastered according to current standards before further treatment. New plaster must be dry and should be allowed to cure before further treatment.
Previously painted:	Loose paint must be removed. The surface must be dry before further treatment.
Cement fibre boards:	Treat according to suppliers recommendation.

Primer

Apply **JOTUN Original Akryl Murprimer** rich on all bare mineral substrates.

Topcoat

2 coats **JOTUN Original Akryl Murmaling**.

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.



Environmental labelling

Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements:

- Property criteria in BETA (2018:A2)

BREEAM® NOR (2022):

- Mat 02: Product-specific Type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.
- Mat 02: The product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

BREEAM® NOR (2016)

- Mat 01: Product-specific Type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.
- Mat 01: The product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

BREEAM® International (2021)/BREEAM® International (2016)

- Mat 01: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Jotun A/S.

Additional certificates and approvals may be available on request.

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.

Product registration number: 4185314



Miscellaneous

Contact information

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Disclaimer

Technical Data Sheet

JOTUN Original Akryl 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.