

JOTUN Industri Optimal

Product description

Type

Acrylic based, water soluble paint.

Features and benefits

Gives a very light-protective and water resistant surface with very good colour and gloss retention. Dries quickly and can be handled once the water has been driven off. **JOTUN Industri Optimal** in combination with **JOTUN Industri grunning Visir** or **JOTUN Industri Opaque Primer** gives the best surface for further treatment with **OPTIMAL**. Recommended system gives very long maintenance interval.

Recommended use

For industrial application to the cladding.



Product data

Packaging size	20 liter container (filling level 18 liter) or precoloured in 1000 liter container.
Base availability	A, B, C and oxide red. Bases must be tinted using Jotun Multicolor .
Colors	5 standard colours
Gloss level	20-30
Generic type	Pure acrylat
Solids by volume	40 ± 2 volume%
Specific gravity	1.25
pH value	8.3
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 26 g/l VOC.

Application data

Remarks

Substrate: The substrate should be primed cladding and must be clean, sound and dry.

Stirring: Stir/mix thoroughly with a power agitator before application. Recommended equipment: For 1000 liter container: Agitator as pictured with diameter 160 mm and min 200 rpm for 120 minutes or other mixers that provide homogeneous paint.

Application equipment / methods

Industrial application using spray application.
Contact your local Jotun representative for guidance and testing.

Cleaning of painting tools

Machinery and equipment must be cleaned with water.

Thinner

Water

Can be diluted with water up to 10 %. The applied wet film thickness must be compensated for when diluting.

Spreading rate and film thickness

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended:	5 – 10	100 – 200	40 – 80
Comments:	Primer plus intermediate coat must collectively give at least 80 microns dry film thickness.		

Conditions during application

Air, surface and paint temperature must be above +10 °C during application. Moisture content of woodwork max 18%.

Drying times

When using drying zones and/or IR tubes: 4–10 min. Drying time depends on temperature, humidity and air speed in the drying zone. Adjust to the facility.

The cladding is mounted in accordance with the current norms and standards for carpentry. The substrate must be clean, sound and dry before further treatment.

Treatment for cladding treated with primer and 1 coat JOTUN Industri Optimal

When mounting:	Prime cut surface, end grains, screw / nail holes and any damages with VISIR Oljegrunning 3-4 coats wet-on-wet. This is then applied 1 coat OPTIMAL .
Within 2 years after the cladding has been mounted:	Topcoat is recommended applied with 1 coat OPTIMAL within 2 years. Best results are achieved if the topcoat is applied immediately after the cladding is mounted.
Maintenance must be performed using:	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. Before further treatment (apply additional paint), the cladding should be washed with NO: JOTUN 3-i-1 Kraftvask og soppfjerner / SE: JOTUN 3-i-1 Kraftvask och mögeldesinfektion . This is to ensure good adhesion for the next coat and long maintenance intervals. Further maintenance is recommended with OPTIMAL , but other outdoor paints from Jotun can also be used. Follow the instruction manual of the product you choose.

Comments

In case of poor adherence to knots: The nature of the substrate affects how well the treatment will adhere. Knots and hard glossy surfaces with higher content of resins, phenols and terpenes adversely affect the adhesion of paint. This may cause flaking. Flaking is treated by removing loose paint with steel brushing / scraping before re-painting the area.

Management, Operation and Maintenance

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

Storage

Frost free freight and storage.

Disposal of waste

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



Environmental labelling



The product is recognized by Miljømerking Norge, and conforms with the demands of the environmental label Svanen (the swan).

Green Building Standards

The declared product meets the following requirements:

- Swan (2097 0002)
- Property criteria in BETA (2018:A2)
- Class C according to Bedømningskriterier (Assessment Criteria) 6.0 for SundaHus (2013)

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® NOR (2012)

Mat 1.3: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.

Mat 1.5: This product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

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.

Contact information

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Disclaimer

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.