

JOTUN Industri Opaque Primer

Product description

Type

Water soluble primer based on alkyd oil.

Features and benefits

Water soluble special primer which contains effective film conserving agents against fungus and algae. Protects against decay caused by UV light and moisture, and ensures good adhesion for further treatment.

Recommended use

Developed for industrial application on cladding.



Product data

Packaging size	20 liter container (filling level 18 liter) or precoloured in 1000 liter container.
Base availability	A, B, C, ochre and oxide red. Bases must be tinted using Jotun Multicolor .
Colors	5 standard colours Standard colours in 1000 litre containers.
Generic type	Alkyd primer
Solids by volume	46 ± 2 volume%
Specific gravity	1.45
pH value	8 to 9
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/d): 130 g/l. The product contains max 40 g/l VOC.

Application data

Remarks

Substrate: The substrate should be unexposed 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 brush machine or 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 20 %. 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:	7 - 11.5	87 - 143	40 - 66
Comments:	Theoretical dry film thickness: Minimum 40 µm.		

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: 5–10 min. Drying time depends on temperature, humidity and air speed in the drying zone. Adjust to the facility. Good air circulation enhances the drying ability. Dark colours require longer drying time than light colours.

Minimum interval for repainting: 24 hours, by stacking at +23 °C and RH 50%. The drying time will be longer at lower temperatures and higher RH.

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

Treatment after assembly

When mounting:	Prime cut surface, end grains and other untreated wood with VISIR Oljegrunning wet-on-wet 3-4 coats when the cladding is mounted.
Within 1 year after the cladding has been mounted:	Treat surface within 12 months. For best possible protection of the woodwork it is recommended to finish the treatment when the cladding is installed and no later than within the first painting season. Repainting recommended to be done with DRYGOLIN Nordic Extreme Oljeglans , but other outdoor paints from Jotun can also be used.
Subsequent maintenance is recommended 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. Further maintenance is recommended with DRYGOLIN Nordic Extreme Oljeglans , 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

Freight and storage >5 °C.

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

Green Building Standards

The declared product meets the following requirements:

- Property criteria in BETA (2018:A2)
- Class C according to Bedömningskriterier (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

Technical Data Sheet

JOTUN Industri Opaque Primer



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.