

Vinyl Primer

Product description

Type

This is a one component physically drying vinyl sealer/primer. It is fast drying.

Features and benefits

Pigmented with a high content of aluminium flakes giving good waterproof protection. Gives excellent adherence to antifouling and one component systems.

Recommended use

To be used as a sealer for old antifouling in good condition. To be used as a sealer for uncured epoxy primers before application of one component coating. To be used as a primer on wooden surfaces.

Product data

Colours	aluminium		
Generic type	vinyl		
Solids	38	± 2	volume%
Flash point	28 °C		
VOC-USA	615	g/l	EPA Method 24
VOC-Solvent Emission Directive	5,17	g/kg	SED (1999/13/EC)

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Vinyl Primer	0.75 / 2.5	0.75 / 2.5

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Application data

The product can be applied by

Spray: Use airless spray or conventional spray.

Brush: Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

Roller: May be used for small areas. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness.

Guiding data for airless spray

Nozzle tip	0.46-0.69 mm (0.018-0.027")
Spray angle degrees	40-80°
Pressure at nozzle	15 MPa (150 kp/cm ² , 2100 psi)

Check to ensure that filters are clean.

Guiding data for conventional spray

Nozzle tip	1.4-1.8 mm (0.055-0.070")
Pressure at nozzle	0.3-0.4 MPa (42-56 psi)

Check to ensure that water and oil filters are available. Distance from air compressor to filters is to be at least 10 m.

Recommended film thickness per coat

Dry	Minimum	35 µm
Dry	Maximum	100 µm
Dry	Typical	80 µm
Wet	Minimum	95 µm
Wet	Maximum	260 µm
Wet	Typical	210 µm

Spreading rate per coat

Theoretical	Minimum	3,8 m ² /l
Theoretical	Maximum	10,9 m ² /l
Theoretical	Typical	4,8 m ² /l

Product mixing ratio (by volume)

Single pack

Thinner

Jotun Thinner No. 7

Drying times

Relative Humidity (RH)	50 %	50 %	50 %	50 %
Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	30 min	20 min	15 min	10 min
Hard dry	4 h	3 h	2 h	1.5 h
Dried to over coat, minimum	4 h	3 h	2 h	2 h

Directions for use

Surface preparation

Surfaces with grease, oil or other contamination, wash with recommended Jotun Yachting detergent. For wooden surfaces sanding with P80-P150 is necessary. For old antifoulings high pressure fresh water washing followed by wet sanding is necessary. For best result, the substrate should be clean, dry and free from any contamination.

Pretreatment

Wood: Apply 5-15 coats of Clipper I, wet-on-wet, dependant on surface absorption. Alternativley apply one coat of Vinyl Primer diluted 15 % with Jotun Thinner No. 7.

Primer

Wood: Apply three coats.

Undercoat

Old antifoulings: Apply one coat.

Finish coat

Finish with two coats of the selected topcoat. Finish with two coats of the selected antifouling.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

Vinyl Primer 48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

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.

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 (United Kingdom) version will prevail.