

Vinyl Sealer Spray

Product description

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

Typical use

To be used on drives, flaps, propellers and light metal parts below the waterline. Specially designed as preparation for Aqualine antifoulings supplied in a spray can.

Colours

aluminium

Product data

Property	Test/Standard	Description	
Solids by volume		38 ± 2 %	
Flash point	ISO 3679 Method 1	-7 °C	
Region	Regulation	Test Standard	VOC Value
EU	European Paint Directive 2004/42/CE	Calculated	550 g/l
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	550 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

Film thickness per coat

Typical recommended specification range

Dry film thickness	30 - 40 µm
Wet film thickness	80 - 105 µm
Theoretical spreading rate	9.5 - 12.7 m ² /l

Surface preparation

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Aluminium	The surface shall be hand or machine abraded with P80-P120 non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart scratch pattern to the surface. When the surfaces are abraded, blow the surface and the area with clean dry air or vacuum the area to clean and remove all sanding dust.	Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile. When the surfaces are abraded, blow the surface and the area with clean dry air or vacuum the area to clean and remove all sanding dust.
Bronze	The surface shall be hand or machine abraded with P60-P80 non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface. When the surfaces are abraded, blow the surface and the area with clean dry air or vacuum the area to clean and remove all sanding dust.	The surface shall be hand or machine abraded with P60-P80 non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface. When the surfaces are abraded, blow the surface and the area with clean dry air or vacuum the area to clean and remove all sanding dust.
Composite	Epoxy Composites should be free from any wax or mould release coating before starting any surface preparation. Random orbital sanding of the surfaces thoroughly to achieve an even profile by abrading the surface using P80-P120 grit aluminium oxide paper or silicon carbide sand papers. NOTE: For the coating of Unsaturated Polyester based composites, please contact your local Jotun office.	Epoxy Composites should be free from any wax or mould release coating before starting any surface preparation. Random orbital sanding of the surfaces thoroughly to achieve an even profile by abrading the surface using P80-P120 grit aluminium oxide paper or silicon carbide sand papers. NOTE: For the coating of Unsaturated Polyester based composites, please contact your local Jotun office.
Wood	Clean and dry surface. Surface contamination is to be removed by detergents and fresh water cleaning.	Clean and dry surface. Surface contamination is to be removed by detergents and fresh water cleaning.
Coated surfaces	New Jotun epoxy primer: Clean, dry and undamaged compatible coating Remove any contamination that could interfere with the intercoat adhesion. Cured Jotun epoxy primer or polyurethane topcoat: Exceeding maximum recoat intervals will require cleaning/abrading by orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P120-P160, and/or application of additional coats, depending on condition. Fillers: Orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P100-P160.	New Jotun epoxy primer: Clean, dry and undamaged compatible coating Remove any contamination that could interfere with the intercoat adhesion. Cured Jotun epoxy primer or polyurethane topcoat: Exceeding maximum recoat intervals will require cleaning/abrading by orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P120-P160, and/or application of additional coats, depending on condition. Fillers: Orbital sanding or hand sanding with aluminium oxide or silicon carbide sand paper with grit P100-P160.

Application

Application methods

The product can be applied by

Spray: Recommended

Shake the can for 2 minutes before painting. Hold the spray can approximately 15-25 cm from the surface. Apply two coats. Allow to dry 30 minutes between every coat. Turn the can upside down and spray 3 seconds to clean the nozzle.

Product mixing

Single pack

Thinner/Cleaning solvent

Jotun Thinner No. 7

Drying and Curing time

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	30 min	20 min	15 min	10 min
Walk-on-dry	4 h	3 h	2 h	1.5 h
Dry to over coat, minimum	4 h	3 h	2 h	2 h

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Dry to over coat, minimum: The recommended shortest time before the next coat can be applied.

Product compatibility

Previous coat: epoxy, polyurethane
Subsequent coat: alkyd, acrylic antifouling system

Packaging (typical)

Volume
(litres)

Size of containers
(litres)

Vinyl Sealer Spray

0.4

0.4

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

Storage

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

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Shelf life at 23 °C

Vinyl Sealer Spray

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.

Disposal of waste

Paint residues and washing liquid (cleaning of tools) must be handed in at the local environmental station.

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products and epoxy based products used as a finish coat may chalk when exposed to sunlight and weathering.

Colour and gloss retention on topcoats/finish coats may vary depending on type of colour, exposure environment such as temperature, UV intensity etc., application quality and generic type of paint. Contact your local Jotun office for further information.

Disclaimer

Technical Data Sheet

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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.