

# Technical Data

## TopOne



### Product description

TopOne is a high quality, urethane modified alkyd with excellent gloss and colour retention and non-yellowing properties. TopOne is very easy to apply and provides an exceptional film formation and very good hiding power.

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### Recommended use

TopOne is a suitable topcoat for two-pack or single pack primer systems above water line.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	30	50	40
Film thickness, wet ( $\mu\text{m}$ )	60	100	80
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	16,6	10	12,5

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### Physical properties

Colour	According to color card
Solids (vol %)*	50 $\pm$ 2
Flash point	36°C $\pm$ 2 (Setaflash)
VOC	3,1 lbs/gal (370 gms/ltr) USA-EPA Method 24
Gloss	Glossy
Gloss retention	Very good
Water resistance	Very good

\*Measured according to ISO 3233:1998 (E)

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### Surface preparation

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

#### Coated surfaces

Clean, dry and undamaged compatible primer. Please contact your local Jotun office for more information.

## Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

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## Condition during application

The temperature of the substrate should be minimum 5°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.

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## Application methods

<b>Brush</b>	Use a suitable brush. Care must be taken to achieve the specified dry film thickness.
<b>Roller</b>	Use a suitable roller. However when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.

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## Application data

<b>Mixing ratio (volume)</b>	Single pack.
<b>Thinner/Cleaner</b>	Jotun Thinner No. 7

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## Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- \* Good ventilation (Outdoor exposure or free circulation of air)
- \* Typical film thickness
- \* One coat on top of inert substrate

<b>Substrate temperature</b>	<b>5°C</b>	<b>10°C</b>	<b>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	12 h	8 h	2 h	1 h
<b>Through dry</b>	18 h	12 h	6 h	4 h
<b>Dry to recoat, minimum</b>	48 h	24 h	18 h	12 h
<b>Dry to recoat, maximum <sup>1</sup></b>				

1. Provided the surface is free from any contamination prior to application, there is normally no overcoating time limit.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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## Typical paint system

Two-pack primer system:

AntiPest	1 x 100 µm	(Dry Film Thickness)
Speed Undercoat	1 x 50 µm	(Dry Film Thickness)
<b>TopOne</b>	<b>2 x 40µm</b>	<b>(Dry Film Thickness)</b>

One-pack primer system:

Vinyl Primer	2-3 x 80 µm	(Dry Film Thickness)
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## Instructions of use

### Two pack system:

#### 1. Fibreglass, steel, aluminium, lead and cast iron

Apply one coat of AntiPest. If necessary, fill damages or imperfections with Lightweight Filler and finish with Finishing Filler and, after sanding, apply one coat of AntiPest. To obtain a better finish, apply one coat of Speed Undercoat, and finish with two coats of TopOne.

### One pack system:

#### 1. Steel

Apply two or three coats of Vinyl Primer, and finish with two coats of TopOne.

#### 2. Wood

Apply one coat of Vinyl Primer diluted 15% with Jotun Thinner No. 7. After drying, apply two coats of Vinyl Primer and finish with two coats of TopOne.

### Maintenance

#### 1. Steel, aluminium, polyester, wood and other materials

Light sanding to help adhesion of the new coat. In case of damages on a two pack system, apply two coats of AntiPest. If necessary, fill damages or imperfections with Lightweight Filler and/or Finishing Filler, between each coat after sanding. To obtain a better finish, apply one coat of Speed Undercoat, light sanding and finish with two coats of TopOne. In case of damages on a one pack system, apply two coats of Vinyl Primer and finish with two coats of TopOne.

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## Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

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## Handling

Handle with care. Stir well before use.

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## Packing size

0.75 litres in a 0.75 litre container.

2.5 litres in a 2.5 litre container (white colour only).

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## Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale 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.

**For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.**

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### DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

If there is any inconsistency in the text the English (UK) version will prevail.

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