

# Technical Data

## Jota-Etch Two-Pack



### Product description

Jota-Etch Two-Pack is a two-pack, epoxy modified etch primer containing phosphoric acid.

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### Recommended use

Direct application over aluminium, galvanized steel, mild steel and stainless steel. Act as etch medium for subsequent coats. Application over submerged structures is forbidden.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	5	15	10
Film thickness, wet ( $\mu\text{m}$ )	25	75	50
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	40	13,3	20

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### Physical properties

Colour	Yellow (transparent)
Solids (vol %)*	20 $\pm$ 2
Flash point	<10°C $\pm$ 2
Gloss	Flat
Flexibility	Excellent

\*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.

#### Other surfaces

For aluminium and galvanized surface; degreasing, light abrading or sand sweeping.

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>Spray</b>	Use conventional spray
<b>Brush</b>	Recommended for stripe coating and small areas, care must be taken to achieve the specified dry film thickness.
<b>Roller</b>	May be used for small areas.

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## Application data

<b>Mixing ratio (volume)</b>	24 parts Comp. A to be mixed thoroughly with 1 part Comp. B
<b>Pot life (23°C)</b>	3-4 weeks
<b>Thinner/Cleaner</b>	Jotun Thinner No. 4
<b>Note</b>	1. Mix thoroughly prior to application. 2. It is recommended to thin the paint with an equal volume of Jotun Thinner no. 4 (1:1 by volume) when using conventional spray.

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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>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	5 min	1 min
<b>Through dry</b>	60 min	40 min
<b>Dry to recoat, minimum</b>	4 h	3 h
<b>Dry to recoat, maximum</b>	30 d	30 d

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

Jota-Etch Two-Pack                      1 X 10 microns                      (Dry film thickness)  
Subsequent coating(s) by choice, e.g. alkyd, epoxy and polyurethane.  
For typical coating systems and variation of film thickness, please consult Jotun.

**Other systems may be specified, depending on area of use**

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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

4.8 l Comp. A, 0.2 l Comp. B

Packing may vary from country to country according to local requirements.

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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 is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.*

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