

# Technical Data

## GALVANITE



### Product description

Galvanite is a single pack, zinc-rich primer for repair of damaged or degraded galvanized surfaces or as a zinc primer for properly prepared steel surfaces

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### Recommended use

General purpose primer for repair of welding or other damage to galvanized surfaces. May also be used as a zinc-rich primer for steel surfaces.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	30	75	40
Film thickness, wet ( $\mu\text{m}$ )	55	135	70
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	7,3	18,3	13,8

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### Physical properties

Colour Light metallic grey. Weathers to a galvanized appearance  
Solids (vol %)\* 55  $\pm$  2

Flash point 25°C  $\pm$  2 (Setaflash)

Abrasion resistance Good

Chemical resistance Good

Flexibility 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.

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

Spray Conventional or airless spray may be used for larger areas.

Brush Recommended

Roller Recommended

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## Application data

Thinner/Cleaner	Jotun Thinner No. 7
Guiding data airless spray	
Pressure at nozzle	5-10MPa (700-1400 psi)
Nozzle tip	0.38-0.53 mm(0.015-.021")
Spray angle	40-80°
Filter	Check to ensure that filters are clean

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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

Substrate temperature	5°C	10°C	23°C	40°C
Surface dry	2 h	1 h	30 min	7 min
Through dry	8 h	4 h	2 h	45 min
Dry to recoat, minimum	48 h	24 h	16 h	6 h

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

Galvanite 2 x 40 micron ( Dry Film Thickness )  
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

5 litre container.

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

## 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.*

Footer - English

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