

NUPrimer SS494

Product description

Type

This is a fast drying, environmentally safe, lead and chromate free alkyd-based primer complying to SS 494-2001

Recommended use

For use as a primer for metal surfaces as part of a suitable alkyd-based system.

Substrate

On metal surfaces.

Product data

Packaging size	Packing may vary from country to country according to local requirements.		
Colours	Grey.		
Solids	44 ± 2 volume%		
Flash point	Closed cup: 26°C (78,8°F)		
VOC	500	g/l	ASTM D3960

Application data

Remarks

Handle with care. Stir well before use.

Application methods

By brush, roller, airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip	0.015" - 0.021"
Spray angle degrees	40° - 80°
Pressure at nozzle	150 kg/cm ² (2100 psi)

Conditions during application

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Spreading rate per coat

Theoretical Spreading rate per coat (m²/l) : 8.8 - 14.7

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Recommended film thickness per coat

Dry film thickness : 30 - 50 microns (µm)

Wet film thickness : 68 - 115 microns (µm)

Film thickness will vary and are calculated as an average.

Thinner

Jotun Thinner No. 7

Dilution

The paint is ready to use after proper stirring. If thinning is required, Jotun Thinner No. 7 may be added up to a maximum of 5%.

Drying times

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

The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

Relative Humidity (RH) 50 %

Substrate temperature	23 °C	40 °C
Surface (touch) dry	15 min	10 min
Hard dry	1.5 h	1 h
Dry to over coat, minimum	3 h	2 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

NUPrimer SS494 : 1 coat followed by
Super Gardex Undercoat : 1 coat

Topcoat

Super Gardex : 2 coats

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.

Certificates

Lead and chromate-free primer for iron and steel substrate measured according to SS494 : 2001

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.