Gardex Premium Gloss

Product description

Type

A premium low odour gloss paint for wood and metal. This high quality alkyd enamel paint has outstanding durability with excellent colour retention.

Features and benefits

Low Odour - Paint odour is low during and after application making the property ready for occupancy in shorter period.

Excellent Colour Last - Durable colours and gloss finish that keeps the property looking new over time for a longer repainting period.

Optimized Drying Time - Drying time is optimized to emphasize on proper drying between each coat to ensure smooth and tough finish.

Anti Fungal - Prevents unsightly growth of surface fungus to maintain beautiful and healthy wood.

100% Free from Lead & Mercury - Comply to Jotun's highest standards in health, safety and environment.

Recommended use

Applicable for interior and exterior sufaces, suitable for both new or painted substrate.

White and light shades of solvent-based alkyd paint may yellow in low-light conditions. This is normal material characteristic and not normally indicative of coating failure. Yellowing will fade with sunlight.

Substrate

On wood and metal surfaces.

Product data

Packaging size	Packing may vary from country to country according to local requirements.
Colours	As per colour card and available in Jotun Multicolor tinting system (Interior range).
Solids by volume	48 ± 2 volume%
VOC	400 g/l ASTM D3960

Application data

Remarks

Handle with care. Stir well before use.

Application equipment / methods

By brush, roller, or conventional spray.

Guiding data for airless spray

Nozzle tip	0.013–0.021"

This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

Spray angle degrees	65–80°
Pressure at nozzle	140 - 190 kg/cm² (2100 psi)

Spreading rate per coat

Theoretical Spreading rate per coat (m²/l) : 12 - 16

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 - 40 microns (µm)
Wet film thickness : 62 - 83 microns (µm)

Film thickness will vary and is calculated as average.

Thinner

Gardex Thinner

Dilution

The paint is ready to use after proper stirring. If thinning is required, Jotun Gardex Thinner or Jotun Thinner No. 2 may be added up to a maximum of 5%.

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

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.

The drying time is measured by stated values:
Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	6 h	4 h	2 h
Hard dry	24 h	12 h	8 h
Dry to over coat, minimum	24 h	12 h	8 h

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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

Gardex Primer : 1 coat

For new exterior wood surfaces
Aluminium Wood Primer : 1 coat
Gardex Primer : 1 coat

Topcoat

Gardex Premium Gloss : 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.

Tests

Accelerated weathering according to SS5 : Part G4: 1992.

Algae Resistance Test measured according to SS345 : 1990.

Free from Lead & Mercury content according to SS5 : Part C : 1998.

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.

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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 data given 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.

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