

Woodshield Exterior

Product description

Type

A premium low odour alkyd wood paint with deep penetrating resin that is formulated to provide protection against UV and weather element for outstanding durability.

Features and benefits

2x Longer Performance - Provide protective barrier against harsh weather for long lasting and durable wood protection.

2x UV Protection - Minimise colour fading and protection against wood crack, peel and erosion from sunlight.

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

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

Good Flexibility - Withstands constant wood expansion and contraction to minimise defects like cracking.

Water Resistance - Prevents moisture absorption for prolonged wood life.

Heavy Metals Free - Non-hazardous and does not contain Lead, Mercury, Chromium, Cadmium and Arsenic.

Recommended use

For all wood surfaces such as doors, trims, frames, trellis, fences, railings, roofs, windows, balconies and skirtings.

Substrate

On solid timber and also engineered wood with original wood structure on surfaces (e.g. plywood & particleboard etc.)

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.
Solids	39 ± 2 volume%
Flash point	Closed cup: 46°C (114,8°F)

Application data

Remarks

Handle with care. Stir well before use.

Application methods

By brush, roller, or conventional spray.

Conditions during application

The moisture content of the substrate should be low as high moisture content in the substrate is the common cause for premature paint failure.

Recommended film thickness per coat

Dry film thickness : 25 - 35 microns (μm)
Wet film thickness : 65 - 92 microns (μm)

Film thickness will vary and is calculated as average.

Spreading rate per coat

Theoretical Spreading rate per coat (m^2/l) : 10.8 - 15.2

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

Thinner

Gardex Thinner

Dilution

The paint is ready to use after proper stirring. If thinning is required, Jotun Gardex Thinner 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	10 °C	23 °C	40 °C
Surface (touch) dry	8 h	4 h	2 h
Hard dry	24 h	8 h	6 h
Dry to over coat, minimum	24 h	8 h	6 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

Jotun Fungicidal Wash : 1 coat (Optional)

Topcoat

Woodshield Exterior : 3 coats

Remarks

Directions for use:

Optional Step - Wash with Jotun Fungicidal Wash to prevent and remove fungus growth on the wood. Let the wood dry for 24 hours before application of Woodshield.

1. Sand the surface of the wood thoroughly with #400 grit sand paper.
2. Wipe the wood surface with a cloth dampened with Jotun Gardex Thinner.
3. Allow solvent to evaporate fully before application of Woodshield.
4. Repeat steps 1-3 for 2nd and 3rd coat of Woodshield using #600 and #1000 grit sand paper respectively.

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

UV Accelerated Weather Resistance measured according to ASTM G154 : 2006.

Fungi Resistance Test measured according to ASTM : G21-09.

Elemental Analysis test measured according to Inductively Coupled Plasma - Atomic Emission Spectrometry

Volume Solids % measured according to ISO 3233:1998 (E).

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.