

OPTIMAL



JOTUN DECORATIVE

PRODUCT DESCRIPTION

Optimal is a waterborne exterior wood protection paint with very good colour stability and long maintenance cycles. It contains fungicides against surface fungi build up on the substrate. The combination of high quality binders and high content of pigments protects the woodwork against damaging UV rays and gives a very good shield against weather.

RECOMMENDATION FOR USE

Use as a system together with Visir primer products.

Fast drying and easy to apply with a long lasting colour and shine.

Use on new woodwork and previously painted and stained woods as well as pressure impregnated wood. May also be used for plastic and metal objects on houses. Metal should however be primed with a suitable metal primer first.

PHYSICAL DATA

Type	Based on special acrylics and alkyds
Colours	White base, A, B, C, Ochre, Yellow and Oxide red bases for tinting using Jotun's Multicolour system.
Gloss level%	20-30
Viscosity	100 - 150 cP
Specific gravity	White / C-base: 1.30 / 1.11
Solids by volume %	White / C-base: 36.5 % / 35%
VOC	max. 80 gms/ltr

APPLICATION DATA

Film thickness, dry	40 - 50 microns
Film thickness, wet	90-110 microns
Recommended consumption on rough woodwork	7-10 m ² /litre
Recommended consumption on smooth woodwork	10-12 m ² /litre
Application methods	Brush, roller or airless spray

Guiding data for airless spray

Nozzle	0,46mm / 0,018"
Spray angle	65 - 80 degrees
Pressure at nozzle	MPA 15-18 / 150-180 kg/cm ²
Filters	Check to ensure clean filters

DRYING TIME (at 23°C, 50% R.H.)

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Surface dry	Appx. 0.5 hours
Dry to recoat, minimum ¹	Appx. 2 hours
Thinner/Cleaning agent	Water

1. The surface should be dry and free from any contamination prior to application of the subsequent coat.

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. Wear gloves. Eyes should be well flushed with water and medical advice sought.

If swallowed seek immediate medical advice.

EU VOC limits for the product (cat. A/d): 130 gms/ltr (2010). The product contains max. 80 gms/ltr VOC.

For detailed information on the health and safety hazards and precautions for use of this product, please refer to the Material and Safety Data sheet.

MISCELLANEOUS

Tinting	Maximum 288 impulses with Jotun Multicolour colourants.
Packaging sizes	White base / bases 0.9 litres, 2.7 litres and 9 litres
Remarks	Do not paint if risk of dew or rain before the paint film is dry. Air and surface temperature must be at least +5 °C. Remember to treat well the end wood. DO NOT ADD UNKNOWN OILS. FROST-FREE FREIGHT AND STORAGE. BASES MUST NOT BE USED UNLESS TINTED (EXCEPT FOR WHITE BASE).

DIRECTIONS FOR USE**PREPARATION**

Substrates must be in a sound, clean and dry condition before starting treatment.

PRE TREATMENT

Substrates that have been untreated for more than 4 weeks must be cleaned and loose wood fibres must be removed. Remove all loose wood fibres and loose paint, and apply Jotun Rot and Algae prevention.

PRIMER

Clean, fresh woodwork...apply 1 coat of Visir Pigmented Primer or Visir Clear Primer. Visir Clear Primer should be used during the cold times of the year (below +5 ° C).

The primer must be brushed out thoroughly.

Treat all end cuts well, 3-4 coats wet-on-wet.

Suggested metal primer...apply Vinyguard Silvergrey 88. Recommended 2 coats. For application criteria please refer to product Technical Data sheet.

TOP COAT

New smooth woodwork.... 3 coats of Optimal.

Previously treated and rough woodwork....2 coats of Optimal.

GENERAL

Smooth down sharp edges. Contents of cans with different production numbers must be mixed to avoid possible colour deviations. Bases to be tinted using Jotun Multicolor. Do not add unknown oils. Do not thin. Previous treatments containing tar or mineral oils may give colour mismatch of new topcoat, therefore apply a test coat.

Sunshine on wet surface film may result in skin drying and formation of blisters.

Dew density might result in matt areas.

Pay attention to linseed oil and humidity problems.

Paint on fire retardant paint might give flaking due to salt vapours from the treatment.

For more information see the Optimal brochure and Health and Safety information.

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.

Please contact for further information.

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THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED