

**DESCRIPTION**

Double Coat Cabin Varnish is a waterborne two component transparent satin varnish based on polyols, modified aliphatic isocyanate hardeners and UV filters.

**PRINCIPAL CHARACTERISTICS**

- State-of-the-art waterborne varnish;
- Excellent application properties, easy to apply by brush or roller;
- Excellent levelling, after curing no brush marks or orange peel will be visible;
- Good resistance to various household chemicals;
- Excellent scratch and mar resistance;
- Excellent gloss retention;
- Non-yellowing;
- Recommended as transparent varnish for various types of wood.

**COLOURS AND GLOSS**

Transparent - Satin

**BASIS PROPERTIES (AT 23 °C AND 50% R.H.)**

Density	: approx. 1,1 g/cm <sup>3</sup>
Solid content	: approx. 30 % (volume)
Recommended d.f.t.	: 25 - 30 µm (dry), depending on application, see additional information
Dust dry after	: approx. 30 minutes
Full cure after	: approx. 5 days, see additional information
Recoating interval	: min. 3 hours, see additional information max. unlimited, provided gritpapered, clean and dry
Shelf life	: separate components, stored cool and dry in original packaging, minimum 12 months
Flash point (DIN53213)	: base component >100 °C hardener 65 °C

**SPREADING RATE**

At 25 µm (d.f.t.)	: 12,0 m <sup>2</sup> /l
At 30 µm (d.f.t.)	: 10,0 m <sup>2</sup> /l

The practical spreading rate depends on a number of variables, such as: shape and size of object to be painted, the condition and profile of the substrate, the method of application, climatologic conditions and skill of labour.

**SUBSTRATE CONDITION AND TEMPERATURE**

Wood	: moisture content maximum 12%, pre-treated with one coat of Variopox Injection resin and sanded with grit paper P120-180;
Previous varnishes	: Previous varnish in good condition, dry and free from contamination and loose particles; sanded with grit paper P120-180.

During application and curing a minimum temperature of 10 °C and a maximum relative humidity of 80% is allowed. The temperature of the substrate should be minimum 3 °C above dew point.

**INSTRUCTIONS FOR USE**

Before use, mix base and hardener components thoroughly.

Mixing ratio	: 86,7 base : 13,3 hardener (by weight)
	: 86,7 base : 13,3 hardener (by volume)

Do not prepare more material than can be applied within the pot life of the mixture.

Pot life : 1 hour at 25 °C  
 2 ½ hours at 20 °C  
 4 hours at 10 °C

Application with :

	Brush/roller
Type thinner	Water
% of thinner	0 - 5 %
Nozzle orifice	n.a.
Nozzle pressure	n.a.
Cleaning	Water

**ADDITIONAL INFORMATION**

- Recoating and curing of Double Coat Cabin Varnish

	10 °C	20 °C	25 °C
Minimum	5 hours	4 hours	3 hours
Maximum, without sanding	3 days	2 days	1 day
Maximum, after sanding with grit paper P320-P400	unlimited	unlimited	unlimited
Fully cured after	14 days	7 days	3 days

- Recommended filmthickness  
 The recommended filmthickness in this datasheet is for each separate layer and depends on application method. How many layers are recommended depends on the field of application, the exposure conditions and type of substrate. The total necessary number of layers can be found in the paint system recommendation.
- Types of wood  
 When Double Coat Cabin Varnish is applied to wood such as teak we recommend to degrease the surface thoroughly with Double Coat Degreaser. Do not use thinner, acetone or mineral spirits. Leave the surface to dry for 30 minutes and apply a coat of Variopox Injection resin first. After 24 hours sand the surface with grit paper P120-180 and apply a first coat of Double Coat Cabin Varnish.
- Wood, interior parts  
 Interior wooden parts such as panelling, furniture, etc should be treated with one coat of Variopox Injection resin followed by three to four coats of Double Coat Cabin Varnish. For a complete filling of the wood grains apply we recommend to first apply Double Coat Dubbel UV or Double Coat Karaat to Variopox Injection resin followed by two layers Double Coat Cabin Varnish.
- Wood, exterior parts  
 Exterior wooden parts should be treated with one coat of Variopox Injection resin, followed by two to three coats of Double Coat Dubbel UV or Double Coat Karaat. Finish with two coats of Double Coat Cabin Varnish.
- Application of Double Coat Cabin Varnish by brush or roller
  - Use oval brushes or moltoprene rollers.
  - Double Coat Cabin Varnish may be applied without the use of solvent.
  - Pay special attention to apply Double Coat Cabin Varnish in a smooth, even film. Apply in an even filmthickness. Avoid excessive thickness and droplets, these may lead to dark spots.
- Sanding Double Coat Cabin Varnish  
 The best adhesion is achieved by sanding between each coat. Use for every layer a finer grit paper, starting from P240-P320-P360-P400.

- Storage Double Coat Cabin Varnish  
Prevent freezing of Double Coat Cabin Varnish base and hardener. Store both components free from frost.

#### **SAFETY INFORMATION**

See the corresponding Material Safety Data Sheet for detailed instructions on safety, disposal and health.

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#### *Disclaimer*

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