

6.6 Wood protection - stone varnishes & decorative coatings

MARINER Solvent based marine grade varnish with gloss finish

PROPERTIES

Clear varnish specially formulated to protect wood surfaces directly exposed to sea water and salt. Its high content of modified polyurethane resins and powerful UV filters, ensure long lasting durability to ultraviolet solar radiation. Highlights and protects the natural beauty of all wood types and enhances their grain. Its application yields gloss, clear, flexible and exceptionally water repelling surfaces.

APPLICATIONS

MARINER is ideal for the wood parts of yachts and luxury boats. Use it also for doors and windows, as well as pergolas, handrails and any other wood surface exposed to sun, snow and salty environments in general.

USE

1. Surface preparation

Correct preparation ensures excellent results on both new and existing wood surfaces.

It is necessary that both ambient humidity and wood moisture are as low as possible to avoid problems.

New wood surfaces: Before applying MARINER, all surfaces have to be sanded with the appropriate sandpaper (when needed).

Completely remove all the dust and if there is any tree resin exists, remove it with DUROSTICK THINNER 101.

If necessary, fill any holes using

DUROWOOD wood putty of DUROSTICK.

To preserve the natural color of the wood and protect against fungi, wood-worm, blue stain and rot, apply a coat of DUROXYL Wood Protection / Conditioner, the solvent based clear impregnating wood preservative of DUROSTICK. Also use the product as primer when changing wood color before the use of DUROXYL, the impregnating color wood stain, that is available in 11 colors.

Follow by applying 1-2 coats of MARINER.

Existing wood surfaces: If performing simple maintenance, lightly sand the wood and remove the dust completely.

Existing varnishes and enamels in poor condition (deteriorated and/or peeling), have to be completely removed.

Use coarse and fine sandpaper, as needed, or use D-26, the corrosive stripper of DUROSTICK.

Complete the project following the same procedure as described at the 'New wood' paragraph.

2. Application

Dilute MARINER with THINNER 101 of DUROSTICK or white spirit at a ratio of up to 5%. Apply with roller, brush or airless spray gun in 1-2 coats, depending on the application.

CLEANING

Clean all tools with THINNER 101 of DUROSTICK immediately after use.



TECHNICAL SPECIFICATIONS

Form - Color	Liquid varnish - Transparent
Density	0.90±0.05 kg/lit
Solids by weight	52±1% w/w
Solids by volume	43±1% w/v
Gloss	Gloss
Application temperature	From +10°C to +35°C
Drying time	4-6 hours (touch dry), depending on the ambient conditions (humidity, temperature)
Recoating time	After 8-10 hours, depending on the ambient conditions (humidity, temperature)

V.O.C. (Volatile Organic Compounds):

Limit value of maximum V.O.C. content per EC (Directive 2004/42/EC) for the particular product (Class A/e: 'Interior/exterior trim varnishes and woodstains including opaque woodstains' Type SB): 400 gr/lit (2010). Ready to use product contains maximum 399 gr/lit V.O.C.

CONSUMPTION

1lt/10-12m² per coat, on properly prepared surfaces.

STORAGE

Store in shaded places away from any heat source, for at least 24 months from production date.

SAFETY DIRECTIONS

The product is classified as harmful and flammable. It is recommended to keep away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

NOTE

Once dry, the product is harmless to health.

PACKAGING

Carton box with 12 pcs of 750ml each one
Carton box with 4 pcs of 2.5lit each one

