

#### DESCRIPTION:

A one-component varnish paint based on solvent alkyd resins. It is designed to provide wood surfaces with excellent properties in sealing pores, leveling, and stability of shine, and it works as a stain and protection at the same time.

#### CHARACTERISTICS:

- Excellent penetration and closure of wood surface pores
- Superior protection for wooden surfaces
- Excellent tropicality
- Very good gloss stability
- Easy to clean with water and mild detergents
- Gives wooden surfaces a shiny appearance
- Saves effort, cost and application time

#### RECOMMENDED USE:

It is used in interior applications on wooden surfaces such as doors, windows and furniture. As a glossy, transparent finish or colored with dyes that preserve the shape and beauty of the wood

#### PHYSICAL CONSTANTS:

- Appearance: shiny
- Shine: Above 90 at 600 angle ASTM D523
- Color: Transparent and according to the colors of the product catalog
- Solid size: 42% ASTM D2697
- Viscosity: 90 Krebs units at 25 °C. ASTM D562
- Specific gravity: 0.88 ASTM D1475
- the exams:
- Hardness: Pass by ASTM D3363 PENCIL H2
- Scratch resistance: Passes ASTM D5178 at 1 kg
- Bending: Pass at 3 mm diameter ASTM D522
- Adhesion strength: Pass ASTM D3359
- Water resistance: Pass ASTM D870
- Flash point: 38°C.

#### DRYING TIME:

- It depends directly on the air in the ocean, temperature, layer thickness and number of layers, and thus drought times will be directly affected by these factors.
- Surface temperature 25°C / 77°F
- Ambient relative humidity 50%
- Surface drying for 3 hours.
- Solid drying for 16 hours.
- Repainting period, minimum 24 hours.
- Repainting period, maximum-----
- Complete dryness for 7 days.
- Note: All previous results shown in the table are based on measurements of a standard thickness, ventilated strip applied for a single-coat paint system.

# TIME VARNISH

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- The surface must be dry and clean of contaminants for application. The best time to paint this product is before the initial layer has completely hardened. If the initial layer has hardened, it is recommended to rough it slightly.

## APPLICATION TOOLS AND APPLICATION METHOD:

Anaerobic spraying:

- Dilution percentage (by volume) (5 – 10)%
- Nozzle opening: (1.5 – 2.5) mm
- Pressure at nozzle: 7.86 MPa (1100 psi)
- Spray angle: 40 – 65°

Air spraying:

- Dilution percentage (by volume): (10-20)%
- Nozzle opening: (0.013 – 0.015) inches
- Pressure at the nozzle: (29 – 5.43 psi)
- Spray angle: 50 – 80°

Roller brush:

- Dilution percentage (by volume): (10 – 15)%

## THINNER:

“Time Thinner 504”

## THINNING RATIO:

- (0-10)% by volume, when using an airless spray gun
  - (20-25)% by volume, when using air spraying
  - (10-15) by size, for roller and brush
- It depends on the weather conditions when used

## APPLICATION GUIDE:

- For primer: All types of time-urethane, acrylic or other primers. Final coat: Time Clear Varnish
- Surface preparation:
- Remove all visible surface impurities such as grease, oil, dirt, dust, salts and other contaminants. Then sand and smooth the surface and clean it from traces of sanding with compressed air before proceeding with the painting process

## PACKING:

American gallon: 3.6 litres

1 liter bottle

## SHELF LIFE:

In sealed container: 24 months in dry, cool and well ventilated place.

**SAFETY PRECAUTIONS:**

Please read and follow the health and safety instructions on the packaging as well as the warning instructions in the MSDS for this product

- The product must be handled with caution before and during application
- Contact of the paint with eyes and skin or inhalation of its spray and vapors must be avoided during application
- It is recommended to use the product in well-ventilated places or use artificial ventilation
- The product must be kept out of the reach of children
- Please hand over leftover paint and surplus containers to any approved local entity for the purpose of use or recycling for the sake of environmental safety.

Note: Waste and empty containers are disposed of in accordance with local regulations specified in the Pollution Control and Environmental Protection Laws.