



**DESCRIPTION**

**TOA Varnish T-8000** is high gloss varnish, used for emphasizing the natural beauty of interior wood product

**TYPICAL USE**

**TOA Varnish T-8000** is suitable for interior wood surface such as door, window, stairs, furniture, etc.

**PRODUCT DATA**

- **Components** : Binders, additives and solvents
- **Color** : Clear, colorless
- **Paint film appearance:** High gloss
- **Solid by volume** : 47 ± 2 %
- **Theoretical coverage** : 13.4 – 15.7 m<sup>2</sup>/liter/coat  
*Actual surface coverage will be depended on spreading ability of paint film, dry film thickness, surface irregularities, technique and wastage during painting.*
- **Volatile organic compounds (VOCs)** : ≤ 410 g/L
- **Flash point** : appx.42°C
- **Drying time (at relative humidity (RH) 50% & dry film thickness (DFT) 30µm - 35µm):**

○ <b>Surface temperature</b>	25°C	30°C	35°C
○ <b>Surface dry (touch dry)</b>	4h	3h	2h
○ <b>Hard dry</b>	8h	6h	5h
○ <b>Painting interval, minimum</b>	8h	6h	5h

*Actual drying time and painting interval time may be longer or shorter than provided data, depended on environmental temperature, dry film thickness, ventilation, humidity and number of coating applied, etc.*

**RECOMMENDED PAINT FILM SYSTEM:**

SYSTEM	PRODUCT	COAT(S)	DRY FILM THICKNESS
<i>For wood surface:</i>			
Primer	Suitable primer for wood surface	1 – 2	-
Topcoat	TOA VARNISH T-8000	3	35µm

**APPLICATION INSTTRUCTION**

- **SURFACE PREPARATION**
  - Surface must be dry and clean, free from oil, grease or waxy contamination.
  - Wooden surface should be sanded smoothly and primed with appropriate primer
- **APPLICATION**  
**Equipment / methods:**  
Brush, conventional spray

# Technical data sheet

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## Paint film thickness:

	Min	Standard	Max
- <b>Dry film thickness (DFT):</b>	30µm	35µm	35µm
- <b>Wet film thickness (WFT):</b>	64µm	75µm	75µm

*Film thickness will vary and is calculated as average.*

## Dilution ratio:

**Paint is ready to use after proper stirring until homogeneous.**

**Add in maximum 5% TOA alkyd thinner #21 by volume if thinning is necessary.**

*Dilution percentage is depending on ambient temperature, relative humidity, paint film thickness, equipment and application method.*

## CERTIFICATION

*QCVN 08:2020/BCT – National technical regulation on the limits of lead content in paints certified.*



## HANDLING AND STORAGE

The product must be stored in accordance with national regulations.

Store in a dry, cool, good ventilation area; far from heat, open flame, flammable materials.

Tightly closed when not in use.

Keep out of reach of children.

Stir well before use, paint should be used up when lid opened.

Storage temperature is recommended at 25°C – 30°C.

Do not apply when temperature is lower than 15°C or higher than 40°C.

Do not apply when relative humidity exceeds 75%.

Surface temperature should be at least 3°C higher than the dew point of the air.

## HEALTH AND SAFETY

Please do not handle until all safety precautions have been read and understood.

Keep away from heat, sparks, open flame, hot surface. No smoking.

Wear protective gloves, respirator, eye protection, protective clothing.

Avoid contact with skin, eyes or ingestion. Go right to the nearest health center for help in case of ingesting paint or paint contacts with eyes.

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Avoid release to the environment. Treat discarded paint according to environmental law.

See more guidelines in the Safety Data Sheet.

### PACKAGING

3.5 liter and 0.85 liter

### SHELF LIFE

48 months from manufacturing day when stored at 25°C – 30°C

### DISCLAIMER

The information in this data sheet is given to the best of TOA's knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, TOA cannot guarantee anything only the quality of the product itself. TOA reserves the right to change given data without notice.

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