

## FEATURES

TOA Polyurethane 1K Gloss For Exterior #T-4000 is a one pack moisture cured polyurethane, suitable for interior wood floor that some time exposed to sunlight. This product is easy to use, provides high gloss, good scratch resistance, also abrasion resistance, impact resistance and chemical resistance.

Suitable for all interior woodworks such as parquet, indoor gymnasium and wooden furniture.

## TECHNICAL INFORMATION

Type	Polyurethane
Color	Clear
Film appearance	Gloss
Solid by volume	48 %
Solid by weight	44.0 ± 2.0 %
Flash point	29.4 °C
Volatile organic compounds (VOCs)	NA gram / liter
Wet film thickness	100 microns
Dry film thickness	45 microns
Theoretical coverage.	9-11 sq.m. / liter / coat 35 – 45 sq.m. / gallon / coat
	Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated.
Touch dry ( 25-30°C)	30 – 40 minutes.
Recoat dry ( 25-30°C)	4 – 6 hours.
Full cure ( 25-30°C)	7 days.

## REFERENCE STANDARD

-

## APPLICATION

Tools	Brush, Spray Gun
Potlife	8 hours. (in closed can at 25 – 30 °C)
Thinner No.	TOA Polyurethane Thinner No.41
Dilution (%)	30 – 40 %

## APPLICATION SYSTEM

Surface Preparation	
Old surface	The surface must be clean and free of dirt, grease, oil, wax, salt, old paint and other contaminants.
New surface	1. Use TOA abrasive paper no. 240 – 320 to sand the wood surface until smooth. 2. Fill all wood crack and hole by filler. 3. Sand again until the smooth surface is obtained. 4. Clean the surface until no dust remain.
Coating system	



Primer	1. Apply by brush with TOA Wood Preservative 1 coat. (Recoat time is at least 30 minutes)
Topcoat	2. Apply by brush with TOA Wood Primer #T-2000 1 coat. (Recoat time is at least 1 hour)
	1. Mixing ratios between TOA Polyurethane #T-4000 and TOA Polyurethane Thinner No.41 are 10:4 for first coat and 10:3 for second and third coat, respectively.
	2. Apply by brush with TOA Polyurethane 1K Gloss For Exterior #T-4000 at least 3 coats. (Recoat time is at least 4 hours)
	3. Before topcoat any layer, TOA abrasive paper no. 320 – 400 are recommended to sand the surface which provide good intercoat adhesion and smooth the surface.
Recommendation	: The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.
<b>HANDLING AND STORAGE</b>	
Storage condition	: The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.
Shelf life	: 2 years.
<b>HEALTH AND SAFETY</b>	
	: Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.
	: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.
<b>DISCLAIMER</b>	
	: 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 only the quality of the product itself. We reserve the right to change the given data without notice.