

FEATURES	<p>HATO Polyurethane is a moisture cured polyurethane finish for dried wood. It produced by special polyurethane resin, clear hi-gloss, good flexibility, high impact strength, chemical & heat resistance, highly resistant to scratch and abrasion. Suitable for all kinds of wood coating application such as parquet, indoor wood courtyard and wood furniture that is exposed with sunlight occasionally, especially areas near window and balcony</p>																																
TECHNICAL INFORMATION	<table border="0"> <tr> <td>Type</td> <td>Polyurethane</td> </tr> <tr> <td>Color</td> <td>Clear</td> </tr> <tr> <td>Film appearance</td> <td>Hi-Gloss</td> </tr> <tr> <td>Pack size</td> <td>¼ , 1 Gallon</td> </tr> <tr> <td>Solid by volumn</td> <td>23 ± 2%</td> </tr> <tr> <td>Solid by weight</td> <td>30 ± 2%</td> </tr> <tr> <td>Specific gravity</td> <td>0.91-1.01</td> </tr> <tr> <td>Flash point</td> <td>25 c°</td> </tr> <tr> <td>Wet film thickness</td> <td>50-75 Microns</td> </tr> <tr> <td>Dry film thickness</td> <td>10-20 Microns depend on wood surface</td> </tr> <tr> <td>Theoretical coverage</td> <td>40-45 Sq.m./coat/gallon</td> </tr> <tr> <td></td> <td>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</td> </tr> <tr> <td>Touch dry (25-30°c)</td> <td>30-40 Minutes</td> </tr> <tr> <td>Recoat dry (25-30°c)</td> <td>4-6 Hours at 25C°</td> </tr> <tr> <td>Full cure (25-30°c)</td> <td>7 Days</td> </tr> <tr> <td></td> <td>Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly</td> </tr> </table>	Type	Polyurethane	Color	Clear	Film appearance	Hi-Gloss	Pack size	¼ , 1 Gallon	Solid by volumn	23 ± 2%	Solid by weight	30 ± 2%	Specific gravity	0.91-1.01	Flash point	25 c°	Wet film thickness	50-75 Microns	Dry film thickness	10-20 Microns depend on wood surface	Theoretical coverage	40-45 Sq.m./coat/gallon		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 at 25C°	Full cure (25-30°c)	7 Days		Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly
Type	Polyurethane																																
Color	Clear																																
Film appearance	Hi-Gloss																																
Pack size	¼ , 1 Gallon																																
Solid by volumn	23 ± 2%																																
Solid by weight	30 ± 2%																																
Specific gravity	0.91-1.01																																
Flash point	25 c°																																
Wet film thickness	50-75 Microns																																
Dry film thickness	10-20 Microns depend on wood surface																																
Theoretical coverage	40-45 Sq.m./coat/gallon																																
	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 at 25C°																																
Full cure (25-30°c)	7 Days																																
	Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly																																
APPLICATION	<table border="0"> <tr> <td>Tools</td> <td>Brush or Spray gun</td> </tr> <tr> <td>Diluent</td> <td>Hato Polyurethane Thinner TUT100</td> </tr> <tr> <td>Dilution (%)</td> <td>First coat 10-20% by volume, for second and third coat 10% by volume</td> </tr> </table>	Tools	Brush or Spray gun	Diluent	Hato Polyurethane Thinner TUT100	Dilution (%)	First coat 10-20% by volume, for second and third coat 10% by volume																										
Tools	Brush or Spray gun																																
Diluent	Hato Polyurethane Thinner TUT100																																
Dilution (%)	First coat 10-20% by volume, for second and third coat 10% by volume																																
APPLICATION SYSTEM	<table border="0"> <tr> <td colspan="2">Surface Preparation</td> </tr> <tr> <td style="padding-left: 20px;">Old surface</td> <td> <p>Loose material must be removed by stiff brush</p> <p>The surfaces must be clean and free of dirt, wax, salt, old paint, and other contaminants</p> </td> </tr> <tr> <td style="padding-left: 20px;">New surface</td> <td> <p>Use sandpaper to sand the wood surface until smooth</p> <p>Fill all wood crack and hole by filler</p> <p>Sand again until the smooth surface is obtained</p> <p>The surfaces must be clean and free of dirt, grease, oil, wax, salt, and other contaminants</p> </td> </tr> </table>	Surface Preparation		Old surface	<p>Loose material must be removed by stiff brush</p> <p>The surfaces must be clean and free of dirt, wax, salt, old paint, and other contaminants</p>	New surface	<p>Use sandpaper to sand the wood surface until smooth</p> <p>Fill all wood crack and hole by filler</p> <p>Sand again until the smooth surface is obtained</p> <p>The surfaces must be clean and free of dirt, grease, oil, wax, salt, and other contaminants</p>																										
Surface Preparation																																	
Old surface	<p>Loose material must be removed by stiff brush</p> <p>The surfaces must be clean and free of dirt, wax, salt, old paint, and other contaminants</p>																																
New surface	<p>Use sandpaper to sand the wood surface until smooth</p> <p>Fill all wood crack and hole by filler</p> <p>Sand again until the smooth surface is obtained</p> <p>The surfaces must be clean and free of dirt, grease, oil, wax, salt, and other contaminants</p>																																

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.

Coating system

Surfaces must be dry and free from dirt, grease and other contaminants, polish the surface with sandpaper to enhance better adhesion.

Brush: For the first coat dilute with HATO Urethane thinner TUT100 15-20% by volume and 10% for the subsequent coats, recommended applying 2-3 coats.

Spray gun: Dilute with HATO Urethane thinner TUT100 20% by volume, recommended applying 2-3 coats.

Allow at least 6-8 hours to dry before recoating. Complete dry is about 24 hours.

Do not use any primer such as shellac, varnish or lacquer

HANDLING AND STORAGE

Keep the containers in a dry, cool, well ventilated space and away from heat.

Containers must be kept tightly closed.

HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container

Use under well ventilated conditions.

Avoid skin contact, do not breathe or inhale mist

For details information on the health and safety hazards and precautions for use of this product, please refer to the Safety datasheet