

**WS13**
**SOLVEN BORNE ONE COMPONENT POLYURETHANE LACQUER SYSTEM FOR INTERIOR WOODEN SURFACES**

<b>DICCO COLOR</b>	<b>294-serie</b>
<b>DICCO LASYR</b>	<b>313-serie</b>
<b>AKVI COLOR</b>	<b>378-serie</b>
<b>MERIT JAHTI 20</b>	<b>005 0090</b>
<b>MERIT JAHTI 80</b>	<b>005 0091</b>

Solvent borne system WS13 is lacquer system for interior wooden furniture, tables, doors, floors etc. It is general use lacquer system for all kind of interior wooden surfaces as well as wooden floors. The lacquer have very good chemical, abrasion and scratch resistance as well as excellent appearance. This system can be used as clear or with Akvi Color, Dicco Color or Dicco Lasyr stains.

Dicco Color is solvent-borne wood stain which contains soluble light resistant dyestuff. Dicco Lasyr is semi-transparent wood stain and tintable with Temaspeed Premium colorants. Akvi Color is water-borne wood stain and tintable with Akvi Tone colorants.

Merit Jahti is one component solvent borne polyurethane lacquer for interior and exterior application. The lacquer has excellent resistance against abrasion, chemicals and cleaning detergents as well as good scratch resistance. It also contains efficient UV-absorber to protect wood from yellowing.

**System for interior furniture**

<b>Treatment</b>	<b>Product</b>	<b>Application method</b>	<b>Wet film thickness</b>
1x Staining	Dicco Color or Dicco Lasyr or Akvi Color	Spraying, dipping	60-100 µm
1x Lacquering	Merit Jahti 20, 80	Spraying	80-120 µm
1x Lacquering	Merit Jahti 20, 80	Spraying	80-120 µm

**PRODUCT PROPERTIES**

<b>Solid Content</b>	1-8 volume-%	(294 -serie)
	10-15 volume-%	(313-serie)
	2-20 volume-%	(378-serie)
	49 volume-%	(005 0090)

<b>Drying time</b>	Recoatable 20°C	
	294-serie	20 min
	313-serie	30 min
	378-serie	30 min
	005 0090	6-24 h

<b>Gloss</b> (DIN 67530, ISO 2813/60°)	17-23	(005 0090)
	>80	(005 0091)

<b>Application methods</b>	Spraying
----------------------------	----------

<b>Thinner</b>	Merit Jahti	Thinner 1050
----------------	-------------	--------------

<b>Cleaning of equipment</b>	Thinner 1050, 1027 or 1033
------------------------------	----------------------------

<b>Colours</b>	Clear.
	Dicco Color color card
	Interior Lacquer color card (Dicco Lasyr)
	Akvi Color color card

**SURFACE PREPARATION**

Dirt, dust and other unfamiliar material must be removed from the surface. Wooden material should be sanded before application with paper grain size 150 – 240. All sanding dust must be removed before application.

**APPLICATION CONDITIONS**

During application and drying the temperature of the air, paint and surface should be at least +18 °C. The relative humidity should not exceed 70 %. Good ventilation is needed during drying process.

**APPLICATION**

Stir the wood Stain well and applicate it and check that it covers all the surfaces. Let the stain dry.

Stir the Merit Jahti well and thin the lacquer 20-40 % with thinner 1050 in order to improve the leveling of the lacquer. Apply the lacquer wet film thickness about 80-120 µm. Let the Merit Jahti dry. In normal conditions when temperature is 20 -30°C the drying time is about 6-24 hours.

Sand the surfaces carefully with sanding paper 320 or 400 and remove sanding dust.

For top lacquering thin the lacquer about 0-20 % with thinner 1050. Apply the lacquer wet film thickness about 80-120 µm. Let the Merit Jahti dry. In normal conditions when temperature is 20 -30°C the drying time is about 24 hours.

The right nozzle size is 0,009 - 0,013" and the spraying distance from object about 20-25 cm.

**MAINTENANCE**

Check the lacquer surfaces every year and relacquer scratches or other damages according following instructions.

Wash down the surface with Cleaning Agent (Maalipesu) and rinse carefully with water. Remove old loose lacquer with scraper. Sand down surface and remove the sanding dust. Stir Merit Jahti or Unica Super well before use. Apply evenly 1-2 coats of lacquer. Sand down lightly between each coat.

EKE11112014

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.