

WC14
FAST DRYING SOLVEN-BORNE ACID CATALYSED LACQUER SYSTEM

Merit Topas 10	005 2794
Merit Topas 25	005 2793
Merit Topas 50	005 2791

Solvent-borne acid catalysed system WC14 is two- component fast drying lacquer system for interior wooden doors, chairs, furniture, panels, frames etc. This system can be clear or stained with Dicco Color, Dicco Lasyr or Akvi Color stains.

Merit Topas is two-component acid catalysed priming and top lacquer and it has good chemical and scratch resistance. Lacquer is fast drying and aromatic solvent free.

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.

ONE COMPONENT LACQUER SYSTEM WITH STAIN

	Product	Application method	Wet film thickness
Staining	Dicco Color	Spraying	1x 60—80 µm
Lacquering	Merit Topas 10, 25, 50	Spraying	2x 80—120 µm

PRODUCT PROPERTIES

Solid Content	36 volume-%
Specific gravity	1.0 kg/l
Lacquer hardener mixing ratio	Merit Topas : 006 2098 100:10

Drying times		80–120 g /m²	+23°C	+50°C
	Merit Topas 10, 25, 50	Dry to sand Dry to stack	2-3 h 24 h	20—30 min 40—60 min

Stacking temperature below +35°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Gloss	Semi-matt and matt
Application methods	Spraying, curtain coating, dipping
Thinner	Thinner 1035 (fast), 1058 (slow)
Cleaning of equipment	Thinner 1035, 1058.

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	<p>Stir the Stain well and applicate it and check that it covers the surfaces evenly. Let the stain dry.</p> <p>Stir the Merit lacquer well and add 10% by volume of hardener 006 2098 and mix well again. Thin the lacquer to the proper application viscosity with thinner 1033, 1027 or 1025. Proper spraying viscosity is 18—25 sec (Din4).</p> <p>Spray an even coat and let it dry about 3—4 h (in 20-30 °C temperature) before sanding. Sand the surface carefully with paper grain size 320 or 400 and remove sanding dust before second application. Apply an even coat and let it dry about 24 hours (in 20—30 °C temperature) before further processing.</p> <p>The drying time depends of film thickness, temperature, relative humidity and the air ventilation.</p> <p>The right nozzle size is 0,009—0,011” and angle 20 or 40 and the spraying distance from object about 20—25 cm.</p>
MAINTENANCE LACQUERING	Wash down the surface with 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.

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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.