

WC13
SOLVEN-BORNE ONE COMPONENT ACID CATALYSED LACQUER SYSTEM
Merit Zirkon Extra 25
005 2717

Solvent -borne acid catalysed system WC13 is one component 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 Zirkon Extra 25 is one component semi-matt acid catalysed priming and top lacquer. Lacquer is medium solid content and easy to use alternative e.g. for nitro lacquers.

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 Zirkon Extra 25	Spraying	2x 80—120 µm

PRODUCT PROPERTIES

Solid Content 26 volume-%

Specific gravity 1,0 kg/l

Drying times

	80–120 /m ²	+23°C	+50°C
Merit Zirkon Extra 25	Dry to sand Dry to stack	50—70 min 2—3 h	30—40 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

Application methods Spraying, curtain coating, dipping

Thinner Thinner 1033 (fast), 1025 (slow), 1027 (normal)

Cleaning of equipment Thinner 1025, 1027, 1033.

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 Dicco Color stain well and applicate it and check that it covers the surfaces evenly. Let the stain dry.

Stir the Merit lacquer well. Thin the lacquer to the proper application viscosity with thinner 1033. Proper spraying viscosity is 18—25 sec (Din4).

Spray an even coat and let it dry about 2—3 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. Spray second layer same way as first layer.

The drying time depends of film thickness, temperature, relative humidity and the air ventilation.

The right nozzle size is 0,009—0,011" and angle 20 or 40 and the spraying distance from object about 20—25 cm.

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.

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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.