

MERIT JAHTI 20, 30, 80

DESCRIPTION	A one component urethane alkyd lacquer containing UV-protective agent.
EMISSION CLASSIFICATION	The paint does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment.
PRODUCT FEATURES AND RECOMMENDED USES	<ul style="list-style-type: none"> ◆ Excellent resistance to abrasion. ◆ Excellent resistance to all ordinary cleaning detergents, SFS 3755. ◆ Good resistance to solvents: gasoline, turpentine, white spirit and methylated spirits. Does not resist e.g. thinner ◆ Resists lubricating oils and greases, animal and vegetable fats. ◆ Recommended for boats, floors, doors, windows and other wooden surfaces both indoors and outdoors.

TECHNICAL DATA

Solids content	abt. 49 volume %, 56 weight %.
Specific gravity	0.92 kg/l.
Product code	005 0090, 005 0091 and 005 0110
Theoretical coverage	4 - 6 m ² /l (100 µm). Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.
Application details	Brush or spray. Airless spray - nozzle 0.009" - 0.013" (0.230 - 0.330 mm) - thinning 0 - 10 vol-%

Drying times		23 °C
	Dust dry, after	2 h
	Dry to handle, after	6 h
	Recoatable, after	24 h
	Fully cured and durability properties reached within 2 weeks.	

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

Thinner	Thinner 1054.		
Cleaning of equipment	Thinner 1054.		
Gloss	ISO 2813/60°	20	(005 0090)
		30 - 40	(005 0110)
		> 80	(005 0091)

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APPLICATION DETAILS

Surface treatment

New untreated surfaces

Remove dirt and dust.

Surfaces outdoors: prime with Valtti Base Priming Oil.

Finewood surfaces: wash with Thinner 1054.

Previously treated surfaces

Wash the surface with FONTECLEAN AL detergent and rinse thoroughly with water.

Remove old loose lacquer with scraper. Sand the whole surface and remove sanding dust.

Application

Stir the lacquer carefully before use. For priming new untreated surfaces thin the lacquer about 20 - 40 % with Thinner 1054. Brush evenly a thin layer 2 - 3 times. Thin top lacquer 0 - 20 % if necessary. Varnish previously treated surfaces directly with unthinned lacquer 1 - 2 times. Sand the surface lightly after each coat.

Note! Priming of exterior objects must always be done with high gloss MERIT JAHTI.

Application conditions

The surface to be treated has to be dry i.e. the moisture content of the timber has to be below 20 %. During application and drying the temperature of the air has to be at least + 5 °C and the relative humidity of the air below 80 %.

Do not apply the lacquer under direct sunlight or during moist and cold weather. Time varnishing so that the lacquer film has enough time to dry before the evening dew.

VOC

The Volatile Organic Compounds amount is 390 g/litre of paint.

Maximum VOC content in ready to use paint (thinned 20 % by volume) is 514 g/l.

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Coatings Oy.