

## MERIT ELEKTRA POHJALAKKA

### DESCRIPTION

Two component acid catalyzed lacquer.

### EMISSION CLASSIFICATION

Fulfills the requirements of DIN-norm 55 666, formaldehyde content max. 0,12 mg/m<sup>3</sup> air.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A thixotropic lacquer with good filling properties.
- ◆ Suitable sanding sealer for lacquering of furniture, doors and other similar wooden surfaces.
- ◆ Recommended especially for electrostatic spraying.

### TECHNICAL DATA

#### Solids content

abt. 53 volume %, 55 weight %.

#### Specific gravity

1.0 kg / litre.

#### Mixing ratio and product codes

Base	100 parts by volume	900 2827
Hardener	8 parts by volume	006 2093

#### Theoretical coverage

4 - 6 m<sup>2</sup>/l (100 µm).

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

#### Pot life (+ 23 °C)

48 hours.

#### Application details

Application technique	Viscosity DIN4
Low pressure spraying	18 - 23 s
Airless spraying	25 - 30 s
Electrostatic spraying	16 - 20 s

#### Drying times (110 - 120 g/m<sup>2</sup>)

	50 °C	70 °C
Dry to sand, after	30 - 40 min	20 - 30 min
Dry to stack, after	60 - 70 min	40 - 50 min

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

#### Thinner

Thinner 1046 or 1033.

#### Cleaning of equipment

Thinner 1033 or 1046.

#### Gloss

DIN 67530, ISO 2813/60° semi-matt

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## APPLICATION DETAILS

### Application

Stir the lacquer carefully before use. Add 8 volume % of Hardener 006 2093. Thin the lacquer to the viscosity required. Let the mixture stabilize about half an hour and check the viscosity again.

At normal spraying you can add 10 volume % of Hardener 006 2098 and thin with Thinner 1033.

Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers.

In case the acidated lacquer mixture is used on the next day, add at least an equal amount of fresh lacquer mixture.

### Application conditions

The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the lacquer has to be over 18 °C and the relative humidity of the air below 70 %.

### VOC

The Volatile Organic Compounds amount to 410 ± 20 g/litre of paint.

### 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 Oy.

For professional use only.

kke271004/ktk150409/900 2827, 006 2093