

MERIT SANDING, MERIT SEALER, MERIT SEALER W

DESCRIPTION

A one component acid catalysed lacquer.

EMISSION CLASSIFICATION

Fulfils the requirements of DIN-norm 55 666, formaldehyde content max. 0.12 mg/m³ air.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A fast drying priming lacquer, easy to sand. Merit Sanding has the best sanding properties.
- ◆ Contains UV-protective agent.
- ◆ Merit Sanding and Merit Sealer maintain the natural light colour of the wood. Merit Sealer W whitewashes the surface.
- ◆ Recommended for furniture, doors and other similar wooden surfaces indoors.

TECHNICAL DATA

Solids content

abt. 22 volume %, 34 weight % (Merit Sealer 29 weight %).

Specific gravity

1.0 kg/litre.

Product codes

005 2722, 005 2724 and 005 2726.

Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet / one layer	theoretical dry film thickness	
125 g/m ²	25 µm	7 - 8 m ² /l

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

Storage (23 °C)

6 months.

Application details

Application technique	Viscosity DIN4
Low pressure spraying	18 - 23 s
Airless spraying	25 - 30 s
Curtain coating	30 - 45 s
Dip coating	20 - 40 s

Drying times (110 - 120 g/m²)

	50 °C	70 °C	IRM
Dry to sand, after	20 min	10 min	3 - 5 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.

Thinner

Thinner 1033 or Thinner 1035.

Cleaning of equipment

Thinner 1033 or Thinner 1035.

Gloss

Matt.

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APPLICATION DETAILS

Application

Stir the lacquer carefully before use. Thin the lacquer to the viscosity required with Thinner 1033 or Thinner 1035. For curtain coating thinning is not necessary. Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers.

The same whiteness like in Merit Sealer W (005 2724) will be achieved by adding 54 parts (1/192) white Temaspeed Premium, 122 TS05 (=17,22 g), colourants to the 20 L can size Merit Sanding, 005 2722 00 70.

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 is 630 g/litre of paint. Maximum VOC content in ready to use paint (thinned 20 % by volume) is 664 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 Oy.

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