

Merit 30

Beskrivelse

A two-component, durable, high-quality acid catalysed lacquer.

Produktegenskaber og anbefalet brug

- Superior filling properties. The lacquer forms a very hard film with good scratch resistance. Its high solids content enables outstanding filling properties
- The product has MED (Marine Equipment Directive) certificate no EUFI29-19002492-MED and is thus accepted for painting surfaces inside the ships. MED-certified products are safe to use due to their low flame-spread characteristics and not producing excessive quantities of smoke and toxic products
- Wooden surfaces can be colored with either the solvent-borne Dicco Color or the water-borne Akvi Color stain before applying Merit 30. The lacquer enhances the appearance of stained wood
- The emission level of this product fulfils the requirements of E1 classification for surface treatment materials. The product has been tested according to the standard EN 717-1, and its formaldehyde emission rate is less than 0.124 mg/m³ air
- Recommended for furniture, doors and other similar wooden surfaces

TEKNISK DATA

Volumen tørstof 49±2%

Vægt tørstof 56±2%

Massefylde 1.0 kg/l

Blandingsforhold Lacquer 100 parts by volume Merit 30
Hardener 10 parts by volume 006 2098

Pot life(+23°C) 48 hours

Anbefalet påføringsmængde og teoretisk dækkeevne

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
80–100 g/m ²	40–50 µm	10–12 m ² /l

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

Tørretid

80–100 g/m ²	+23°C	+50°C
Touch dry, after	20–30 min	10–15 min
Dry to sand, after	3–4 h	30–40 min
Dry to stack, after	24h	60–70 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.

Glans

Halvmat.

Farvenuancer

Clear

Merit 30

PÅFØRINGSINSTRUKSER

Overflade forberedelse	Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.
Anbefalede primere	Merit Sanding, Merit 20, Merit 30, Merit 80.
Påføringsforhold	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application and drying temperature of the air, substrate and product must be over +18°C and relative humidity of the air below 70%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.
Blanding af komponenter	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating. Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers.
påføring	For airless spraying, the product is thinned approximately 5–20% to the viscosity 20–45s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product is thinned approximately 5–20% to the viscosity 20–45s (DIN4). Recommended nozzle tip is 0.011"–0.015" and pressure 40–140 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object. For conventional spraying, the product is thinned approximately 5–20% to the viscosity 20–45s (DIN4). Recommended nozzle tip is 1.4–1.8 mm and pressure 2–3 bar.
Fortyndere	Thinner 1027, Thinner 1033
Rengøring af udstyr	Thinner 1033 or 1027.
VOC	The Volatile Organic Compounds amount is 460 g/litre of paint. VOC content of the paint mixture (thinned 20% by volume) is 520 g/l.

HELBRED OG SIKKERHED

Emballagen er udstyret med sikkerhedsmærkater, som skal bemærkes. Yderligere information om farlige bestanddele og beskyttelse er nærmere beskrevet i individuelle helbreds- og sikkerhedsblade. Helbreds- og sikkerhedsdatablad kan fås ved henvendelse til Tikkurila.

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