



DESCRIPTION Thixotropic alkyd paint.

PRODUCT FEATURES Single pack solvent based high gloss enamel for use on metal and timber substrates. Miranol is a traditional material particularly suitable for renovation projects. Miranol is easy to apply and is designed to minimise dripping and sagging.

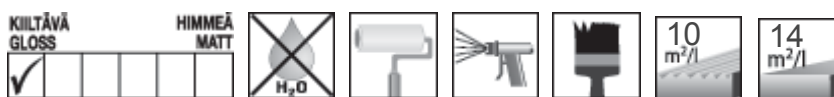


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For interior and exterior painting of wood, chipboard, wood fibre board and metal surfaces. Mild odour.

RECOMMENDED USES Freestanding furniture, objects, toys, tools, boats, bicycles, signs etc.

TECHNICAL DATA



Base paints A and C

Colour Range Tikkurila interior and exterior colour cards. Check the suitability for exterior use with your paint shop.

Gloss grade Full-gloss

Coverage 12 - 14 m²/l for metal surfaces. 10 - 12 m²/l for smooth wooden surfaces.

Can sizes 0.225 l, 0.9 l, 2.7 l, 9 l, 1 l, 0.1 l and 0.333 l

Thinner White Spirit 1050 and Spray Thinner 1032

Airless spray:

- nozzle 0.009" - 0.013" i.e. 0.230 - 0.330 mm

Thinning: 10 - 20 vol-%

Mixing ratio

Conventional spray:

- fluid nozzle 1.4 mm – 1.8 mm

Thinning 25-35 vol-% (DIN4 18-25 s)

Application method Brush, roller or spray.

When spraying, the thickness of the dry paint film should not exceed 40 µm.

Drying time at 23°C and 50% relative air humidity Dust dry after 3-4 hours, recoatable after approx. 24 hours.



Miranol

Wash resistance	Good with all ordinary cleaning detergents, SFS-EN ISO 11998.
Chemical resistance	Resists Turpentine, White Spirit and Methylated Spirit, does not resist e.g. Thinner, SFS-EN ISO 2812.
Heat resistance	120oC. Light shades turn always a little yellow on substrates that warm up, ISO 4211-3
Oil and grease resistance	Resists lubricating oils and greases, vegetable and animal fats.
Wear resistance	Good
Oil and grease resistance	
Solids volume	Approx. 50 %
Density	0.9 - 1.1 kg/l depending on the shade, ISO 2811
Product code	555_6001/3

APPLICATION DETAILS

Application conditions

The surface to be painted must be dry, the temperature at least +5 °C and the relative humidity of the air below 80 %. (Note: Drying in these marginal conditions is slower than under standard conditions i.e. +23oC, relative humidity 50 %.) Especially dark shades tinted with Avatint colourants dry very slowly.

Unpainted surfaces:

Clean dirt, dust, rust, oil and grease etc. from the surfaces.

Prime wood surfaces with Jehu Primer or with Otex Adhesion Primer. Interior metal surfaces in dry conditions can be painted directly with Miranol. In other cases, Rostex Super Metal Primer is recommended as a primer. Prime zinc surfaces and aluminium surfaces with Rostex Super Metal Primer. Roughen aluminium surfaces by sanding before priming.

Preparation



Previously painted surfaces:

Wash down surfaces with Maalipesu Cleaning Agent and rinse carefully with water and allow to dry. Remove loose paint with a scraper and sand the whole surface. Remove sanding dust. Fill holes and cracks with Spakkeli Alkyd Filler. Prime/undercoat surfaces in poor condition with Jehu or with Otex.

When you paint with bright red or yellow colours, prime wood surfaces with Jehu,



Miranol

	tinted to a similar colour as the finishing paint. Zinc, steel or aluminium surfaces should be primed with Rostex Super light grey.
Painting	Stir Miranol well before use and thin for brush application, if needed, with White Spirit 1050, and with Spray thinner 1032 for spray application. Apply Miranol by brush or spray 1-2 times.
Cleaning of tools	Clean tools with White Spirit 1050 or Tikkurila Pensselipesu (Tool Cleaner). Cleaning earliest approx. 1 month after painting: The surfaces are cleaned with a soft brush, sponge or cleaning cloth and neutral (pH 6-8) dish washing solution. Clean very dirty surfaces with weakly alkaline (pH 8-10) washing detergent using a cleaning cloth or sponge. Rinse the surface carefully.
Maintenance instructions	The product achieves its final hardness and durability after one month under normal conditions, therefore the surfaces must be handled with care during a couple of weeks. If the surfaces need to be cleaned soon after finishing, clean them lightly with a soft brush or damp cleaning cloth.
Maintenance treatment	Surfaces painted with Miranol can be recoated with similar kind of solvent-borne paint. See Preparation.
HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008	Contains: Naphtha, hydrotreated heavy, FLAMMABLE. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. Use only in well-ventilated areas. Do not breathe vapour/spray. Do not empty into drains. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children. Contains ethyl methyl ketoxime and cobalt octoate. May produce an allergic reaction A Safety Data Sheet is available on request.  Safety data sheet
ENVIRONMENTAL and WASTE DISPOSAL	Avoid spillage into drains, water systems and soil. Any product remaining unused and dried paint waste must be disposed of as hazardous waste. Empty, dry cans should be recycled or disposed of in accordance with local regulations.  Ympäristöseloste
TRANSPORT	Drums/vessels 450 litres: ADR 3 (III)
sre171212 / mli121006 / mit181006 / lko261006 / kmm181212 / 555-series	