**TIKKURILA**

**MIRANOL METALLACK**

<table>
<thead>
<tr>
<th><strong>DESCRIPTION</strong></th>
<th>Waterproof alkyd paint that is also suitable for rusted metal surfaces. Provides long-term protection against weathering.</th>
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<tbody>
<tr>
<td><strong>RECOMMENDED USES</strong></td>
<td>Garden furniture, metal objects, tools, bicycles, car rims, etc.</td>
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<tr>
<td><strong>PRODUCT FEATURES</strong></td>
<td>Interior and exterior metal surfaces. See directions for use. Miranol Metallack is easy to brush on. It does not sag and levels well.</td>
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</tbody>
</table>

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.
## TECHNICAL DATA

**Paint product group 2012**

332 Irtokalusteisiin soveltuvat liuoteohenteiset maalit RL 03...05, 459 Muut peltikattojen ja metallipintojen liuoteohenteiset maalit (RT-luokitus)

479 Muut puupintojen liuoteohenteiset tuotteet ulkokäyttöön

**Base paints**

A BASE

**Colour Shades**

White 0201, Black 0202, Red 0274, Silver 7702

**Gloss**

Full gloss.

**Coverage**

6-8 m²/l

**Can sizes**

A BASE: 0.333 l, 1 l

FACTORY READYMADE SHADE: 0.333 l, 1 l

**Drying time (23°C and 50% relative air humidity)**

Dry to touch in 3 - 4 hours, recoatable after about 24 hours.

**Density (kg/l)**

0.9-1.1 kg/l depending on the shade, ISO 2811

**Chemical resistance**

Resists vegetable and animal fats, lubricating oils, greases, turpentine, white spirit and denatured alcohol, does not resist e.g. thinner, SFS 3636. Any fuel spatter must be wiped off immediately.

**Wash resistance**

Great with all common detergents, SFS 3755.

**Volume solids (%)**

50

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APPLICATION INSTRUCTIONS

Application conditions
The surface to be painted must be dry, the temperature of the air at least +5 °C, and the relative humidity of the air below 80%. Note! Under the conditions mentioned above, drying is notably slower than under standard conditions (+23°C, relative humidity 50%). Drying of dark shades is slowed down the most.

Surface preparation
Clean the surfaces by removing any dust, dirt, grease, oil and water-soluble salts with Panssaripesu cleaning agent. Rinse well with water and allow to dry. Make shining metallic surfaces and old glossy paint surfaces coarse with sand paper and remove the sanding dust. Remove any loose rust and paint with a scraper and steel brush. Prime zinc-coated, copper, brass surfaces and roughened aluminium and chrome surfaces with Rostex Super primer. Steel surfaces can also be painted with Rostex Super.

Painting
First application:
Mix the paint thoroughly before use and thin with White Spirit 1050 for brush painting and with Ruiskuohenne 1032 (spray thinner) for spray painting. Apply two coats of paint with a brush or spray gun.

Maintenance painting:
Surfaces painted with Miranol Metallack can be maintenance painted with the same or similar solvent-borne paint. See pretreatment.

Maintenance instructions
If needed, approx. 1 month after painting at the earliest: Clean surface with a neutral (pH 6-8) dish-washing agent and a soft brush, sponge or a cleaning cloth. Clean soiled surfaces using mild alkaline (pH 8-10) detergent solution and a cloth, mop or sponge. Rinse the surface carefully.

After the surface treatment, surfaces must be handled with care for a few weeks, as the product will reach its final hardness and durability after about a month under normal conditions. If the surfaces need cleaning soon after surface treatment, clean them lightly using a brush, a damp cloth or a mop.

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