

TIKKURILA

MAKOR-TIX

MATT ACRYLIC ENAMNEL FOR METAL AND GALVANIZED STEEL

DESCRIPTION

Acrylic primer-enamel which is at the same time anti-corrosive primer and thixotropic finish enamel. Creates durable, matt surfaces with high hiding power and very good mechanical proprieties and great durability to atmospheric conditions.

RECOMMENDED USES

Product is design for direct, decorative and protective painting of steel, zinc steel (it is recommended to paint freshly zinc surfaces after seasoning), zinc, cast iron, aluminum, copper surfaces and also metal surfaces with small corrosion. It's specially recommended to use on: roof coverage, water pipes, metal fences, metallic constructions and surfaces exploited in environment with corrosion atmosphere categories: C1, C2, C3 (according to ISO 12944-2:1998). Tikkurila Makor-Tix can be used for renovation of metal surfaces with good adhesion of the surface, the test painting must be done before painting. Product can be used in interior premises where people are not allowed to sit permanently.

PRODUCT FEATURES

•Primer and enamel in one.
•Without primer on zinc surfaces and other metal surfaces.
•Thixotropy recipe.
•Great hiding power.
•Quick drying time.
•Very good adhesion to the surface.
•Great durability in time.

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.

MAKOR-TIX

TECHNICAL DATA

Colour Shades	**Color cards:** Tikkurila Makor-tix 7 ready-made shades: chocolate brown, red oxide, graphite, copper, metallic grey, cherry, dark green.
Gloss	Matt.
Coverage	7-9 m2/l per one coat, the coverage depends on substrate structure and used application tool.
Can sizes	1 l, 3 l, 10 l
Thinner	Tikkurila Makor -Tix Thinner.
Application method	Flat, soft brush or roller with short fibres, durable to xylene. Airless spraying - parameters: 1.Viscosity measured with effusion cup with bottom cone Ø 6 mm: 55-80 s. 2.Diameter nozzle: 0,013”-0,019”. 3.Operatice pressure in nozzle: 120-180 Ba, spray angle should be chosen according to painted element.
Drying time	In temp. +20±2°C and relative air humidity 55±5%: dust dry: 25 min., touch dry: 1,5 hour.
Density (kg/l)	1,18 - 1,36
VOC	Cat. A/i. Acceptable content VOC since 2010r. - 500 g/l. The product contains below 500 g/l VOC.
Storage	Store and transport in tightly closed containers at temperatures between +5°C and +25°C. The product must be transported and stored in tightly sealed containers at temperatures from +5°C to +25°C. Store in dry and airy rooms, away from fire.

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.

MAKOR-TIX

APPLICATION INSTRUCTIONS

Application conditions
Painting works should be performed at temperatures from +10°C to +30°C and relative air humidity below 80%. The temperature of the substrate being painted must be by at least 3°C higher than the dew point temperature.

Surface preparation
Zinc, alloy and aluminum surfaces should be cleaned from oxide coat, dirt, dust and degreased with extraction naphtha or water with detergent. Next surface should be cleaned with water and let to dry. Steel and cast iron surfaces should be cleaned from rust to degree of cleanness min. Sa2 (according to ISO 8501-1:2007).

Top coating
Stir product thoroughly before use. Thin product with Tikkurila Makor-Tix Thinner 8 vol-%, if necessary.Apply with brush, roller or airless spray. Depend on degree of rust depravation and needed durability of surface it is recommended to apply 2-3 coats of primer enamel Tikkurila Makor-Tix , with 3 hrs breaks between the coats. When roof cover is painted the break must be min. 24 hrs because during application painter can step on painted surface. The “dry” thickness of one coat should be at least 40 µm.

Notice: It is not recommended to use this product on the surfaces which are expose to long-lasting impact of temperatures above +70°C (radiators, pipes and C.O. stove, and other heating elements). To avoid colour differences it is recommended to use product from one production batch. In case of using product from two production batches they should be mix together before application.

The manufacturer may not be held responsible for the quality of coats in case of not following the recommendations specified.

Cleaning of tools
Before washing tools should be thoroughly wiped in order to remove as much product. Clean tools with Tikkurila Makor-Tix Thinner.

Environmental protection and waste disposal
Empty cans as well as cans with liquid waste should be taken to a disposal according to the local regulations. For more information please contact local authority.

Health and Safety
Contains: methyl methacrylate, hydrocarbons, C9, aromatics, Fatty acids, C14-18 and C16-18-unsatd., maleated, xylene. **Warning.** Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Wear protective gloves and eye or face protection. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents and container in accordance with all local, regional, national and international regulations. IF INHALED: Call a POISON CENTER or doctor if you feel unwell.



GHS02 GHS07

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.