

# HAMMERTON THINNER

A special thinner for the HAMMERTON series of paints

## SUGGESTED USES

Dilution of HAMMERTON series paints.

## TECHNICAL DATA

Product code:	654-900	
Color:	Transparent	
Shelf life:	24 months	
Quantity per Pallet:	<b>Package size</b>	<b>Quantity per Pallet</b>
	0.50 liter	900

## APPLICATION REMARKS

Thinner ready for use.

## CLEANING AND STORAGE

Close the container tightly to avoid entry of air. Store in a cool, well-ventilated place..

## CAUTION

Application and use of this product should be according to the safety, hygiene and environmental regulations of the State of Israel. Read the safety instructions and warnings in the Product Safety Sheet (MSDS), which may be obtained from our Safety Dept. on request. Telephone: 04-9877483 – and also on the product labels. Keep well away from fire and sparks. The material is not edible. Make sure the workplace is well ventilated. When spraying, avoid inhaling the vapors.

## GENERAL COMMENTS

Do not paint if rain is expected within the next 72 hours, and/or if the temperature is below 10°C and Relative Humidity (R.H.) is above 85% When painting on wood or metal substrates, make sure that the substrate is perfectly dry. Do not mix this material with other materials not recommended by us. To attain the best desired results, the product must be applied correctly, paying careful attention to instructions. Before use, the user should make certain that the correct material has been selected for the purpose intended, and that the surface to be painted, and the under-surface, have been properly prepared for the application selected. The information provided here is based on many years' accumulated knowledge and experience. We reserve the right to update or to alter it without prior notice  
Data presented here is based on our best knowledge and experience. We reserve the right to update and/or alter it without prior notice.

## HAMERTON WATER BASED

A high-grade acrylic paint, for dilution with water, giving a smooth finish both as primer and as topcoat, with strong binding power to a variety of substrates, with excellent resistance to outside conditions, giving protection against corrosion to metal surfaces.

### PROPERTIES:

Has strong adhesion to various undersurfaces, such as: Ferrous metals, aluminum, hot and cold galvanized iron, ceramics and Formica. Specially fast drying. Contains no lead or chromates. Carries "Green" label. Ready to use. Environment- and user-friendly

### APPLICATIONS:

Very high binding power, to a variety of substrates. Protects metal and galvanized surfaces (railings, bars, etc.) from rust and weathering

### TECHNICAL DATA:

**Product code:** 764-XXX

**Color:** White and four smooth satin basic shades in TAMOURMIX for obtaining 1200 shades of the spectrum chart and RAL chart.

**Gloss:** Smooth satin.

**Type of paint:** Primer + topcoat **based on:** High-grade pure acrylic emulsion

**% solids v/v** 35%+/-2%

**Thickness of single-layer dry film:** 40 – 60 microns

**Calculated spreading rate\*:** 11-13 sq.m/liter (in one coat)

**Dilution:** Water

**Drying Times:** **Touch dry\*\*:** 30 minutes; **Hard Coat:** 24 hours **Dry to recoat:** You can recoat after 2 hours.

**Shelf life:** 24 months

<b>Quantity per Pallet:</b>	<b>Package size</b>	<b>Quantity per Pallet</b>
	4.5 Liters	100
	0.75 Liters	576

### SURFACE PREPARATION AND PAINT SYSTEM:

#### Ferrous metals:

Before commencing painting, make sure the surface to be painted is clean and dry. Remove all oily materials, using a thinner such as: **Tambour Mineral Turpentine**. Remove dirt, rust, metal scale and any other foreign matter, using a steel wire brush and emery paper. Afterward, wash with water. Apply 2 – 3 coats of **Water Based Hamerton** at intervals of 2 hours between coats.

\* In cases where rust can not be mechanically removed as described above, rust may be neutralized with **Tambour Rust Converter**. Afterward, apply 2 – 3 coats of **Water Based Hamerton** and allow to dry completely.

Galvanized iron and aluminum.

Take care to remove completely all oil and other foreign materials, using a thinner such as **Tambour Mineral Turpentine**. Remove all rust and oxides as completely as possible. Roughen the surface thoroughly with a steel brush and emery paper, and then wash with water. Apply 2 – 3 coats of Water Based Hamerton, at intervals of 2 hours between coats.

Formica:

Before commencing painting, make sure the surface to be painted is clean and dry. Roughen with emery paper, wash with water, and apply 2 – 3 coats of Water Based Hamerton, at intervals of 2 hours between coats

**PAINT APPLICATION:**

The paint is ready to use. If necessary, it may be diluted with water, about 10% - 20%.

Stir the paint well before use, and from time to time during painting.

For larger areas, it is recommended to use a sponge roller for painting, to avoid leaving brush marks.

The paint may be applied by spray in several passes, until a dry layer of thickness 50 – 70 microns is attained.

**TOOLS CLEANING AND STORAGE:**

Clean all working tools, and the surrounding area, with soap and water immediately after use. Pour a thin layer of water over the paint remaining in the container, and close firmly to keep air out.

Store in a cool, well-ventilated place at a temperature not less than 5°C, away from direct sunlight.

**CAUTION:**

The paint is not edible. It is not designated as a dangerous material, and does not contain any substances requiring special marking or warning signs. A safety sheet for professionals (MSDS) is available on request.

**GENERAL COMMENTS:**

Do not apply the paint when rain is expected within the next 72 hours and/or when ambient temperature falls below 10 degrees Celsius and relative humidity exceeds 85%. For application on wood and metal substrates, verify that the substrate is completely dry. Do not mix this product with products that are not recommended by us. Achievement of the best desired results is subject to proper application in strict conformance to our instructions and safety measures. Before application, the user should verify that the product is indeed designed for the intended usage and that the surfaces to be painted are properly prepared.

Data presented here is based on our best knowledge and experience. We reserve the right to update and/or alter it without prior notice.

For additional information please call TELEZEVA – Tambour's free of charge consulting line: 1-800-321-321

\* Practical spreading rate depends on several factors: The surface, the application mode, color shades, the painter's skill and weather conditions at the site. Assume approximately 75% of the calculated spreading rate.

\*\* At 25°C and 65% relative humidity.

IS 756, green label

## HAMERTON

**Superior paint series for direct application on standard, rusty and galvanized metal, in three bright effects: Smooth satin finish, metallic hammered finish, rough-fine finish.**

### **SPECIAL FEATURES:**

One component, high build, concurrent primer and top coat for galvanized, ferrous metals and aluminum. Good resistance to corrosion and high exterior durability.

Especially fast drying (time to recoat 30 minutes). Protects metal against rust formation. Specifically suited to the Israeli climate, with good exterior durability. Lead free.

### **SUGGESTED USES:**

For direct application on rusty and galvanized metal, without a primer. Designated for application on various metal elements (fences, grids, banisters, gutters, lamp posts, different constructions and more). For interior and exterior applications.

### **TECHNICAL DATA:**

**Product Code:** 654-XXX

**Color:** Ready to use shades (shades with identical effects may be mixed) and four smooth satin basic shades in TAMOURMIX for obtaining 1200 shades of the spectrum chart and RAL chart.

**Gloss:** In three finishes: Smooth satin, metallic hammered, rough-fine.

**Calculated spreading rate\*:** 8-10 sq.m/liter (in one coat)

**Recommended Thinner: During Application:** Brush: 1-04 Thinner; Spray: Thinner 1-32

**Cleaning:** 1-04 thinner

**Drying Times: Touch dry\*\*:** 30 minutes; **Hard Coat:** 24 hours. Final hardness is obtained after one week. **Dry to recoat:** You can recoat after 30 minutes. It is mandatory to apply two coats at least, to obtain proper protection against corrosion.

**Shelf life:** 24 months

Quantity per Pallet:	Package size	Quantity per Pallet
	4.5 Liters	100
	2.5 Liters	210
	0.75 Liters	576
	0.25 Liters	1440

### **SURFACE PREPARATION AND PAINT SYSTEM:**

**Note: Dark shades are sensitive to sunlight, therefore apply these shades on surfaces that are protected against direct sunlight.**

#### **Ferrous Metals:**

Before the application, verify that the surface you wish to coat is clean and dry. Remove any oil, dirt, loose rust, metal scales and any other foreign matter, using a steel brush and sandpaper. Remove the dust and apply two full coats of HAMERTON.

In the event of deep penetrating rust, apply Tambour's **Rust Converter**.

#### **Galvanized Steel & Aluminum:**

Remove oxides as much as possible. Mechanically abrade the surface thoroughly and remove oils and other foreign matter. Apply two full coats of HAMERTON.

#### **PAINT APPLICATION:**

Apply over the entire surface without leaving any exposed areas that will allow penetration of moisture. Achieving a 90-120 microns thick dry film is mandatory. Coats number required to achieve this thickness depends on the application mode. It is essential to apply a thick coat, however, when the applied coat is too thick, runs may occur. It is recommended to apply several thin coats, especially on vertical, complex surfaces. Ensure full coverage of corners and edges, to obtain perfect protection.

**Brush/ Roller Application:** For application on small areas. Where needed, thin up to 5%, with **1-04 thinner**. Use the widest brush possible and apply as quickly as possible of the entire surface. To ease brushing, dip the brush in a container of **1-04 thinner**, to dissolve dried paint residue off the brush.

**Regular Spray Application:** For application on large areas. Use up to 20% of 1-04 thinner to dilute to paint (use of Nitro the Turpentine thinners are forbidden for this product) and spray at a pressure of 2-3 atmospheres in the widest fan possible.

Apply 3-4 thin coats. Wait at least 15 minutes between each coat. The top coat must be sufficiently thick to provide a smooth look, while avoiding runs.

#### **TOOLS CLEANING AND STORAGE:**

Use a thinner or **1-04 thinner** to clean the tools immediately upon completing the application.

**Please Note:** HAMERTON in a metallic hammered finish contains silicone. Therefore, clean the tools thoroughly before using the tools for another product, to avoid contamination. Close the container tightly, to prevent air penetration. Store in a roofed, ventilated place.

#### **CAUTION:**

Any work that includes application and use of this product shall be performed according to the applicable Safety, Health and Environmental regulations in Israel. Read the safety precautions and the warnings specified in the Safety Data Sheet (MSDS), available at Tambour Safety Department. Telephone: 04-9877483 and indicated on the label of the product. Keep away from fire and sparks. Inedible. Provide adequate ventilation of the work space. Do not inhale fumes when spraying.

#### **GENERAL COMMENTS:**

Do not apply the paint when rain is expected within the next 72 hours and/or when ambient temperature falls below 10 degrees Celsius and relative humidity exceeds 85%. For application on wood and metal substrates, verify that the substrate is completely dry. Do not mix this product with products that are not recommended by us. Achievement of the best desired results is subject to proper application in strict conformance to our instructions and safety measures. Before application, the user should verify that the product is indeed designed for the intended usage and that the surfaces to be painted are properly prepared.

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calculated spreading rate.

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IS 756, green label

Produced by Tambour, authorized by the Israeli Institute of Standards, complying with ISO 9001.