



## SYNTHETIC PRODUCT GROUP

# HAMMER

### PRODUCT DESCRIPTION

It is an alkyd resin based top coat paint with hammered appearance which may be applied on metal surfaces; which is corrosion-resistant and lead free.

### PROPERTIES

Hammer is an air-dried, corrosion-resistant decorative coating. It provides maximum protection against corrosion with active anti-corrosive raw materials. It may be applied directly on corrosion in surfaces roughly cleaned of corrosion. It is applied on iron surface without requiring an undercoat. It is rapidly and easily applied thanks to its high adhesion strength on the application surface and covering power. It provides maximum resistance against outdoor weather conditions. The product has fast drying feature. A single product may be used as anti-corrosive, undercoat and top coat. It is resistant against flow.

### APPLICATION SURFACES

It is safely applied on indoor and outdoor ferrous and non-ferrous accessories, machines and their accessories, garden furnitures with ferrous parts, doors, bars, grates and stable wooden parts for protection and decoration purposes.

### APPLICATION

The application surfaces should be smooth, durable and be able to carry the last coat of paint. The surfaces to be painted should be cleaned of all dirt, rust, dust, oil and loose layers, and the required surface correction operations should be done. Before applying paint on previously painted surfaces, the surfaces should completely be sanded. Before application mix the packing thoroughly. It is not enough to shake before opening the packing cap.

The iron-steel-metal sheet surfaces about to be painted should be: cleared from welding burrs on the surfaces and completely sanded. cleared of oil, rust, dust and any impurities on the surface by wiping with oakum immersed in Betek Synthetic Thinner. Following sanding and cleaning processes, Hammer should be applied in two layers on iron-steel-metal sheet surfaces.

On metal surfaces previously painted and with signs of rust: the surface should be cleared from oxidation layer with a fine sandpaper. the surface should be cleared from rust layer which is loose, weak and unable to carry itself by using the proper method. the surface should be cleared of rust, dust and any impurities by wiping with oakum immersed in Betek Synthetic Thinner. Following cleaning processes, Hammer should be applied in two layers.

Do not excessively spread the paint. After applying the first layer wait for 30 minutes to 5 hours before applying the second layer. If the 2nd layer is not applied after 5 hours, it is required to wait at least 30 days to apply the 2nd layer.

After applying Betek Astarix Paint on metal surfaces like galvanized sheet, aluminum, copper, zinc where the paint holds with difficulty (following the required cleaning and sanding operations), Hammer should be applied in two layers.

**CAUTION:** During extensive applications, the top coat sweeping should be towards a single direction with metallic textured colors. The product pattern will vary depending on the weather and surface temperature, color, material and the application method. The hue between the applications may vary depending on the surface condition, color and the number of layers to be applied.

During application and until the products are completely dry, observe that the ambient and surface temperatures are between +5°C and +30°C, and the surfaces should be protected from frosting. It may be applied with brush, roller or paint blaster. When using roller or brush, it should be applied in two layers and between two layers it is necessary to wait 4-5 hours. The tools used should be cleaned with Betek Synthetic Thinner immediately after application.

Our products should be applied on infrastructure surfaces constructed in compliance with Building General Technical Specifications dated 6/30/2007 and numbered 26568.

### THINNING

For applications with brush, Hammer is used without thinning. For applications with roller, depending on the weather and surface conditions it may be thinned by maximum 5% with cellulosic thinner, if required. For applications with blaster, you may thin by 15-20% using cellulosic thinner. With brush and roller, apply in two



layers. Remember there may be swelling, shrinkage, cracking or drying problems on surfaces when thinners of other brands are used.

#### **DRY TIME (at 20°C, 65% HR)**

Dry to touch: 30-60 minutes

Waiting times between layers: 4-5 hours

Hard dry: 24 hours (full hard dry time is 7 days. The dry time may extend at higher relative humidity and lower temperature).

#### **CONSUMPTION**

Depending on the type, absorbency and the nature of the application surface, an area of 8-10 m<sup>2</sup> may be painted with 1 liter as one coat. The color and consumption may change depending on the condition of the application surface, number of coats to be applied and the application method. A controlled sample work should be done for precise consumption.

#### **FLASH POINT**

45°C

#### **STORAGE**

It may be stored for 2 years in its unopened packing, in a cool and dry place away from frost and direct sunlight. To safely store the remaining paint in the package, add thinner you used until it covers the top of the paint completely and close the package cover tightly, turn it 180° for 1-2 times and straighten.

#### **PACKAGE**

2,5 liters, 0,75 liters

#### ***Warning Word Danger***

#### **Hazard Statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation

H304 May be fatal if inhaled and swallowed.

H412 Harmful to aquatic life with long lasting effects.

#### **Precautionary Statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P241 – Use explosion-proof electrical/ventilating/lighting/material.

P301+P310 WHEN SWALLOWED: CALL NATIONAL POISONING HOTLINE AT 114/physician.

P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 Store locked up.

P501 Dispose the content/container in compliance with local/regional/national/international legislation.

#### **Hazard-determining components for labeling:**

Solvent naphtha (petroleum), light aromatic

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