

Quick Dry Enamel Hammer

Product code: E/17X
Color: Varieties of Colors

Composition and Application Field

A fast drying metallic coating based on special resins, aluminum paste and additives, which gives uniform hammer pattern. It has very good scratch and impact resistance. Normally used on metallic surface, machinery parts, domestic parts, electrical board, and on any kind of substrate where this finish is required.

Available colors

- E/170 Quick Dry Enamel Silver Hammer
- E/171 Quick Dry Dark Silver Hammer
- E/172 Quick Dry Black Enamel Hammer
- E/173 Quick Dry Enamel Light Blue Hammer
- E/174 Quick Dry Enamel Dark Blue Hammer
- E/175 Quick Dry Enamel Light Green Hammer
- E/176 Quick Dry Enamel Dark Green Hammer
- E/177 Quick Dry Enamel Violet Hammer
- E/178 Quick Dry Enamel Pale Gold Hammer
- E/179 Quick Dry Enamel Copper Hammer
- E/181 Quick Dry Enamel Rich Gold Hammer

Product Preparation

Additives Not necessary in normal condition

Dilution

Spraying: Dilute with QD thinner E/638 at 25%.
Dipping: Dilute with QD thinner E/638 at 50%.

Technical Characteristics

Physical Properties

Specific gravity	1	(± 0,025) Kg/l
* Viscosity.Ford	160	(± 5) Sec.
4/25°C		
Weight solids	59%	(± 2) Kg/Kg
Flash Point	25	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 130gr/m² (per coat)

Drying @25°C

* Dust free	5 min.
Touch drying	10 min
Deep drying	12 hrs.
Packing	12 hrs.

N.B: Before packing control the working condition and do a preliminary test.

Dry Film Characteristics

Mechanical Characteristic

- * AdherenceGood (on wood or steel)
- PlasticityGood

Surface Preparation

For metals: In case of mild conditions of application, remove the previous coat with a mechanical tool, wire mesh, or a mild sweep blast is to be done. In case of detailed Surface preparation is warranted, remove all wax, oil and grease should be removed by solvent cleaning in accordance with the guide- lines given by SSPC-SP1. Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface. Ideally abrasive blast clean to minimum standard of SA 2-½ Swedish Standard SIS 05 59 00 or ISO 8501-1:1988. Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner. After blasting, remove dust from the surface. The surface to be coated must be clean and dry with cleaning thinner before applying the top coat. Normally the recommended system is hammer finish followed by another coat of hummer finish or anticorrosive primer (for example NC) followed by hammer finish.

For Aluminum: Degrease and abrade with cleaning thinner and wet-or-dry paper. Apply Emver Etch Primer. Immediately follow with the top coat.

For wood: After sanding the wood with paper 100, apply the metallic primer or any other suitable primer, sand the primer by using paper 220 and over it apply the hammer finish.

Application Method

By spray: Use a spray gun with nozzle 1.8-2 mm. at 3-4 atm/bar. It is possible to use even air mix spray gun pump assisted. Moreover you can apply by Dipping.

Subsequent Treatments

After drying the hammer finish does not need any subsequent treatment.

Note

Respect drying time, especially when packing is necessary. Over dilution will loose the hammer effect.

Packing

Available in USG, USG, 5USG and 10 (5USG)

Storage

If the drum is tightly closed and well stored at 25°C, the product has maximum 18 months of shelf-life.