

General Description:

BAKING ENAMEL is formulated with a blend of modified alkyds and melamine resins, which exhibits excellent exterior durability and resistance properties.

Major Uses:

For coating previously primed or phosphated iron and steel such as refrigerators, air conditioners, automobile parts, furnitures, general metal and industrial appliances.

Characteristics and Physical Properties:

Colour	As per colour card
Volume Solids	48
Specific Gravity	1.0 +/- 0.2 kg/li.
Flash Point	23 ⁰ C
Coverage	15 –18 m ² /lit @30 mic. DFT
Baking	30 minutes @ 120 ⁰ C
Flash off time	10 – 15 min.

Film Properties and Application Details:

Hardness (sward)	20 – 30 (30 min. @ 120 ⁰ C)
Impact Resistance	No Crack(Passed@144 in/lb)
Flexibility (80 ⁰ Bend)	No crack
Abrasion	Excellent
Adhesion(Tape test)	B5
Spraying viscosity	18 – 20 secs FC # 4
Spraying Pressure	45 – 60 psi.
Spraying Thinner	BE Thinner # 165

Surface Preparation:

- Substrate to be coated should be cleaned, free from oil, grease and other contaminants.
- Galvanized steel, aluminium and light metal alloy should be chemically pre-treated or wash primed.
- Generally for steel surfaces a primer coat of Baking Primer is recommended to obtain optimum adhesion and durability.

Storage:

This product should be stored in cool area below 25⁰C. Shelf life of 6 months minimum in close container. Stir well before using.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner as soon as possible.

Packing:

Available in USG, 5USG, 200 lit Drum.

Physiological Hazards:

BAKING ENAMEL does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. BAKING ENAMEL is flammable and harmful if swallowed. If contact with skin or eyes occurs, wash well with fresh water and seek immediate medical advise.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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