



ACRYLIC 2K

General Description:

ACRYLIC 2K is based on non – yellowing acrylic polyol resins and saturated isocyanates. It is a weather resistant, high gloss solvent based acrylic clear.

Major Uses:

Recommended for outdoor furniture, steel, external doors and frames, and automotive refinishes.

Characteristics and Physical Properties:

Appearance	Clear Transparent Liquid
Specific Gravity (20 ⁰ C)	0.970 +/- 0.1
Acid value	3.2 – 7.0
Pencil Hardness	2H – 3H
Heat Resistance	100 – 120 ⁰ C
Viscosity (25 ⁰ C,FC # 4)	45 Sec.
Flash Point	23 ⁰ C
Non – Volatile (Wt.%)	Base : 50 +/- 0.5 Hardener : 41 +/- 0.5
Gloss (60 ⁰)	Glossy (90 – 100)
Application Condition	Brush, Spray or Roller
Thinner	Acrylic Thinner
Catalyst	Catalyst # 042
Mixing / Dilution Ratio (Wt. %)	Base:Hardener:Thinner=100:50 25 ~ 30 (FC # 4 13 ~ 15 Sec)
Pot Life (20 ⁰ C)	5 ~ 6 hours.
Drying Time (20 ⁰ C)	Dust Free - 20 – 25 min. To Touch - 30 – 45 min. To Recoat - 2 – 3 hrs. Hard - 24 – 36 hrs.
Coating Rate	12~ 14 m ² / lit. (80 – 120 gms / m ²)
Recoating	One coat may be sufficient for ordinary finish however one additional coat can be applied wet on wet if necessary. Light sanding with 400 ~ 600 mesh sand paper is recommended before subsequent coat when recoating time exceeds 3 hrs. and remove traces of wax.
Recommended Under Coat	Acrylic Primer Sealer

Application Procedure:

The mixture ready for use, can be applied by brush, by roller or spray. Surface to be painted must be free of dirt and other contaminants. In the remaking of old woods. It is imperative to remove traces of wax, dirt and other oily matter to ensure a perfect adhesion of paints.

For repainting of steel surfaces, all damaged primers and contamination should be removed and thoroughly cleaned, prior to final painting.

Typical Recommended System:

Wood	
Acrylic Primer Sealer	- 1 Coat
ACRYLIC 2K	- 2 Coats
Automotive	
Acrylic Primer	- 1 Coat
Acrylic B/C White / Colour	- 1 Coat
ACRYLIC 2K	- 1 Coat

Note: ACRYLIC 2K can be applied over NC base coats also.

Precautions:

- Paint should be used within the pot life after components have been mixed together.
- Never leave drums of Catalyst # 042 open.

Storage:

Keep away from heat and fire. Store in the dark, cool and dry places. Shelf life up to 12 months in close container.

Packaging:

Available in 1 Usg. 20 Lit Pail, 200Lit Drums.

Physiological Hazards:

ACRYLIC 2K do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment ACRYLIC 2K is flammable and harmful if swallowed. If contact with eyes occurs, cleanse 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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