



# ACRYLIC 2K SEMIGLOSS (PIGMENTED)

## General Description:

ACRYLIC 2K SEMIGLOSS (PIGMENTED) is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates with pigments. It is weather resistant, unaffected by humidity, heat and sunlight.

## Major Uses:

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

## Characteristics and Physical Properties:

Appearance	Liquid pigmented
Specific Gravity	1.00-1.25 kg/L
Viscosity (25°C FC # 4)	40-45 sec.
Flash point	20°C
Solid content	40 - 60%
Gloss (60°)	50-60
Application condition Air temperature Relative humidity	5 ~ 35°C 85% max.
Application method	Auto or conventional spray / Curtain coater
Catalyst	Catalyst # 042
Thinner	PU Thinner # 305/205
Mixing/Dilution Ratio ( FC # 4 = 13~15 sec.)	Base :Catalyst:Thinner 100 50 20-25
Pot life (25°C)	5 – 6 hours
Drying time (25°C) Dust free To touch Recoat Hard	30 - 35 min 45 - 60 min 2 - 3 hours 24 -36 hours
Coating rate	6 - 8 m <sup>2</sup> /L
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 coats, when recoating time exceeds 3 hrs.

## Recommended Under Coat:

Acrylic Primer or Epoxy Basecoat

## Application Procedure:

The mixture can be applied by brush, roller or spray. Surface to be painted must be free from dirt and other contaminants. In the remaking of old surface, it is imperative to remove traces of wax, dirt and other foreign matter to ensure a perfect adhesion of paint. Apply 1 – 2 coats of Acrylic or Epoxy Basecoat prior to application of ACRYLIC 2K SEMIGLOSS (PIGMENTED)

## Typical Recommended System:

Acrylic or Epoxy Basecoat	-2 coats
Acrylic Intermediate coat	-2 coats
Acrylic 2K Semigloss (Pigmented)	-1 coat

## Precautions:

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

## Storage:

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

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Thinner # 305 as soon as possible.

## Packing:

Available in 1 USG, 20li Pail, and 200li Drum.

## Physiological Hazards:

ACRYLIC 2K SEMIGLOSS (PIGMENTED) does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. ACRYLIC 2K SEMIGLOSS (PIGMENTED) is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

*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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