



# ACRYLIC 2K MATT

## General Description:

ACRYLIC 2K MATT is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates with selected 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	As per RAL /NCS/APS
Specific Gravity	1.00 - 1.25 kg/L
Viscosity ( 25 <sup>0</sup> C FC # 4)	45 sec.
Flash point	20 <sup>0</sup> C
Solid content	53%
Gloss ( 60 <sup>0</sup> )	10 - 40
Application condition	
Air temperature	5 ~ 35 <sup>0</sup> C
Relative humidity	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 <sup>0</sup> C)	5 – 6 hours
Drying time (25 <sup>0</sup> C)	
Dust free	30 - 35 min
To touch	45 - 60 min
Recoat	2 - 3 hours
Hard	24 -36 hours
Coating rate	6 - 8 m <sup>2</sup> /L
Recoating	One coat may be sufficient for ordinary finish. An additional coat can be applied wet on wet if necessary. Light sanding with 600 grit sand paper is recommended before subsequent coats , when recoating time exceeds 3 hrs.

## Recommended Under Coat:

Acrylic 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 MATT

## Typical Recommended System:

Acrylic or Epoxy Basecoat	2 coats
Acrylic Intermediate coat	2 coats
ACRYLIC 2K MATT	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 MATT 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 MATT is flammable and harmful if swallowed. If contact with eyes or skin 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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