



# ACRYLIC GLOSS LV/085

## General Description:

ACRYLIC GLOSS LV/085 is low VOC lacquer based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant, unaffected by humidity, heat and sunlight. ACRYLIC GLOSS LV/085 meets the VOC content limit of Annex II, Phase II, Table A of European Directive 2004/42/EC:2004

## Major Uses:

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

## Characteristics and Physical Properties:

Appearance	Clear
Specific weight	0.960 kg/L
Viscosity (25 <sup>o</sup> C,FC # 4)	45 sec.
Flash point	23 <sup>o</sup> C
Non-volatile (wt.%)	55
Gloss	90-100
Application condition	
Air temperature	5 – 35 <sup>o</sup> C
Relative humidity	85% max.
Application method	Brush,spray,roller
Recommended catalyst	Catalyst LV/42
Thinner	Thinner 105 / 205
Mixing ratio	Base: Cat : Thinner 100 : 50 : 25-30
Pot life (25 <sup>o</sup> C)	5 – 6 hours
Drying time:	
Dust free	20 – 25 min
To touch	30 – 45 min
To recoat	2 – 3 hours
Hard	24 – 36 hours
Coating rate	8 m <sup>2</sup> /L (120 gms./m <sup>2</sup> )
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 grit sandpaper is recommended before subsequent coats.

## 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, oil 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 GLOSS LV/085

## Typical Recommended System:

### STEEL

Acrylic or Epoxy Basecoat	2 coats
Acrylic Intermediate Coat	1 coat
ACRYLIC GLOSS LV/085	1 coat

### WOOD

Acrylic Sealer LV/081	2 coats
ACRYLIC GLOSS LV/085	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 GLOSS LV/085 and Catalyst LV/42 does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. ACRYLIC GLOSS LV/085 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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