



ACRYLIC QD LACQUER

General Description:

ACRYLIC QD LACQUER is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant and provides efficient UV protection to light sensitive substrates such as woods and plastics. It is a fast drying lacquer with extremely surface hardness and good scratch resistance

Major Uses:

Recommended for indoor/outdoor furniture, steel gates, external doors and frames, automotive refinishes, industrial and trade sales coatings.

Characteristics and Physical Properties:

Appearance	Clear
Specific gravity	0.96 kg/L
Viscosity	35" @ 25°C FC#4
Flash point	23°C
Non-volatile	30 - 40% (w)
Gloss	Matt : Semigloss : Gloss
Recommended catalyst	027 : 027 : 126
Application condition	
Air temperature	5~35°C
Relative humidity	85% max.
Application method	Brush or Spray
Thinner	PU Thinner # 205
Mixing ratio	Base:Catalyst:Thinner 100 : 20 : 25
Pot life	5~6 hrs
Drying time @ 25°C	
Dust free	15 - 20'
To touch	25 - 30'
To recoat	2 - 3 hrs
Hard	12 - 24 hrs
Coating rate	8-10 m ² /L (80-120 g/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 grit sandpaper is recommended before subsequent coats.

Application Procedure:

The mixture ready for use, can be applied by brush or spray.

Surface to be painted must be free of dirt, oil, grease 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 paint.

Apply 1 – 2 coats of Acrylic Sanding Sealer prior to application of Acrylic QD Lacquer.

Typical Recommended System:

Acrylic Sanding Sealer	- 2 coats
ACRYLIC QD LACQUER	- 1 coat

Precautions:

- Never leave drums of Catalyst open. Paint should be used within the pot life after components have been mixed together.
- Empty packaging should be disposed as per the Local regulations. (See MSDS for more details)

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 PU Thinner # 205 as soon as possible.

Packing:

Available in 1 Usg, 20lit Pail, and 200lit Drum.

Physiological Hazards:

ACRYLIC QD LACQUER and the corresponding Catalyst do not contain dangerous solvents, nevertheless, good ventilation in working areas is recommended as well as the use of safety tools and equipment. ACRYLIC QD LACQUER and Catalyst are 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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