

	Company Name: <b>ካዲስኮ ኬሚካል ኢንዱስትሪ ኃ.የተ.የግ.ማኅበር</b> <b>KADISCO CHEMICAL INDUSTRY PVT LTD CO</b>	Document No.: <b>PS/KCI/AU/004</b>
	Revision: 0	Document Title: <b>Product Specification</b>

### 5.0 KADILAC ACRYLIC AUTO LACQUER

#### DESCRIPTION:

KADILAC ACRYLIC AUTO LACQUER is a two component paint formulated with high quality acrylic resins and solvents to give an excellent bright finish consistently for auto finishing works.

#### USES:

KADILAC ACRYLIC AUTO LACQUER is particularly suitable for car bodies, industrial bodies and agricultural machinery. The presence of UV absorber and other environmental protection mechanisms ensures a great protection against sun radiation and bad weather that can cause pulverization, loss of gloss and yellowing.

#### PROPERTIES:

<b>Finish</b>	Very High Gloss.
<b>Composition of Pigment</b>	Colour and extenders.
<b>Resin</b>	Acrylic Resins.
<b>Thinning</b>	Kadisco Acrylic Thinner, 20 – 30% in weight.
<b>Specific Gravity</b>	0.95 - 1.00 g/cc depending on the color type.
<b>Viscosity</b>	Cup 4: 60 – 80 seconds.
<b>Spreading rate</b>	Depends on film thickness, 10 sqm per Kg at 30 micron.
<b>Drying Time</b>	Dust free: 30 minutes. Touch dry: in 2 hours. Deep dry after 18-24 hours.
<b>Oven drying</b>	After 30 minutes of wilting: 50 minutes at 60°C. or 70 minutes at 40°C.
<b>Hardener Ratio</b>	50% in Volume
<b>Colour range</b>	See Colour card or any colour with quantity order.
<b>Package</b>	Available in 1ltr for paint and 0.5ltr for hardener.
<b>Coating</b>	2 – 3 coats normally sufficient.

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<b>Limitations</b>	Do not apply if risk of rain or when air/surface temperature is below 5°C. During application or drying periods, protect from frost and rain until dry.
<b>Storage</b>	24 months in tightly closed containers away from direct sunlight, excess heat & frost free conditions at 20°C.

### **INSTRUCTIONS FOR USE:**

#### **a) Surface preparation:**

- Surfaces must be clean, dry and free from all defective or poorly adhering material such as dirt, rust grease, wax, etc. All surfaces should be thoroughly rubbed down using a suitable sanding paper and then dusted off.

#### **b) Application:**

- Application is done by Spray gun of between 1.4 – 1.8 mm at 10 –15 cm from surface for good finishing.
- Thin using Kadisco Acrylic Thinner only for best results. Thinning should be at 15 seconds for Ford Cup 4 at 21°C.
- Spray pressure should be between 3 –4 atm.
- Apply 2 –3 coatings as each at least 45 to 60 minutes apart.
- Clean all tools and equipment immediately after use with thinner.

### **ADVANTAGES:**

- **Excellent weather resistance**
- **Being Acrylic based has a very strong film of coating.**
- **Very high glossy finish.**
- **Very good adhesion to the surface.**

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