

## DUROGLOSS

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**DUROGLOSS** is a one component color topcoat based on Nitrocellulose resin and Alkyd resin. It has the following characteristics: easy to apply, fast drying, high build, excellent flow, high gloss, good color brightness and adhesion. This product is suitable for vehicle refinish, metal, wood, and plastic (ABS type). It is designed as a topcoat which is to be applied over EPOXY PRIMER PCR 1000 EP GREY.

### PRODUCT SPESIFICATION

Type : Nitrocellulose  
Color : As shown in the color card.  
Solid content (NV, w/w) : 38 - 48 % (Depend on the color)  
Viscosity (Din cup 6, 30°C) : 80 – 120 sec (Depend on the color)  
Specific Gravity : 1.04 ± 0.04  
Flash Point : 23°C  
Packing : 0.9 lt, 20 lt in steel can.

### APPLICATION

Application condition : 25 - 35°C, 60 - 80% RH  
Application method : Airless spray, air spray  
Substrate/ Undercoat : Metal/ PCR 1000 EP GREY  
Mixing ratio by volume : Thinner = 1 : 1.5  
Thinner : Propan thinner ND Super  
Application viscosity (Din cup 4. 30°C) : 14 ± 2 sec by air spray  
Coating Amount (wet) : 120 g/m<sup>2</sup> of mixture per coat  
Theoretical coverage : 8.7 m<sup>2</sup>/lt. at ca 120 g/m<sup>2</sup>

### FILM PROPERTIES

#### Recommended Drying Time

Ambient temperature (28 - 32°C, RH 60 - 80%)		Oven temperature (40 - 50°C, RH 60 - 80%)	
▪ Dust Free	5 - 10 minutes	Flash off	10 minutes
▪ Tack Free	60 minutes - 120 minutes	Oven	30 minutes
Recoating time	Wet on wet = 10 - 20 minutes Wet on dry = after 1 - 2 hrs	Cooling down	20 - 30 minutes
Stacking time	After 1 - 2 hours	Stacking time	1 hours after cooling down
Packing time	After 12 hours	Packing time	5 - 6 hours after oven and cooling down

#### Resistance to

▪ Water	: Fair	▪ QUV 500 hours	: Fair
▪ Ethyl Acetate: Butyl Acetate	: Bad	▪ Yellowing	: Fair
▪ Acetone	: Bad	▪ Hot and Cold Check	: Good
▪ Alcohol	: Fair	▪ Abrasion	: N/A
▪ Weather	: N/A		

## OTHERS

- Shelf life : Two years if stored in cool and dry condition in original sealed can  
Storage and handling : Store in good ventilation room temperature

## SURFACE PREPARATION

1. The surface must be clean, dry, and free from oil.
2. Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper no. 120 - 150 for Oak wood, no. 150 - 180 for Rubber and Ramin wood, and no. 180 followed by 240 for Cherry wood).
3. For optimal use on steel where good resistance to corrosion is needed, it is recommended to apply appropriate primer before applying this coating.
4. Use Epoxy Primer PCR 1000 EP GREY as a under coat.

## APPLICATION INFORMATION

1. Mix one part of **DUROGLOSS** with one half of thinner.
2. Spray even coat of **DUROGLOSS** at coating amount 100 - 150 g/m<sup>2</sup>.
3. Sand the surface with sandpaper after dry 1 - 2 hours.
4. Spray another even coat wet on wet after dry 10 - 20 minutes of the first coat, or wet on dry after sanding the first coat.
5. Good ventilation in working area is suggested.

## RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	REC. COAT
1	Under Coat	PCR 1000 EP GREY	1 - 2 x
2	Top Coat	<b>DUROGLOSS</b>	1 - 2 x

## SAFETY PRECAUTION

This product contains aromatic solvent. It does not contain formaldehyde. Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.

This product is flammable. Do not smoke. Use only explosion proof equipment. Do not breathe the vapor of spray. Avoid contact with strong oxidizing agents and water.

### FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice
- Ingestion : Provide symptomatic treatment and seek medical advice
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration