

Camel Polyurethane Coating PU600 series

PRODUCT INTRODUCTION	
Recommended Uses	Suitable for surface of metals.
Description	This two-piece-pack system forms hard, tough, durable film with brilliantly decorative and also protective appeals for both of interior and exterior applications with excellent resistance to weathering and corrosion, this paint features very good retention of color and gloss.
Features	<ul style="list-style-type: none"> ● Excellent hardness and durability, non-chalking ● Excellent resistance to weathering ● Excellent color and gloss retention, non-yellowing
Standard Packing	4 L (Two-piece-pack) & 18 L (Two-piece-pack)
TECHNICAL DATA	
Base Resin	Acrylic / Polyisocyanate
Color	Tailor-made colors on request
Finish	High Gloss
Standard Accelerated Weathering (Solid Colors)	No chalking, cracking & serious color fading observed after 1000 hours in UV / Condensation Screening Device.
Pot Life	The mixture of paint and hardener should be used within 8 hours. If the mixture thickens or spoils, do not thin. Properly throw it away. Mix fresh materials again for new paint.
Mixing Ratio	Mix Pack A (paint) with Pack B (hardener) in the ratio of 3.3 : 0.7 by volume.
Calculated Coverage	Around 17.6m ² /ltr. @25 microns dry film thickness per coat Actual coverage depends on surface conditions and also application conditions.
Drying Time	<ul style="list-style-type: none"> ● Touch Dry --- 30 minutes ● Hard Dry --- 24 hours ● Over coating --- minimum 6 hours, maximum indefinite.
APPLICATION	
Recommended Thinner	Camel Low VOC Lacquer Thinner 139
Recommended Primer	AquaPro Anti-Corrosive Epoxy Primer 133
Method of Application	<ul style="list-style-type: none"> ● Mix Pack A (paint) with Pack B (hardener) in the ratio of 3.3 : 0.7 by volume, stir thoroughly and allow 30 minutes induction time. ● Once the cans are opened, Pack A and Pack B should be mixed as soon as possible. Otherwise, the Pack B hardener would be spoiled by the moisture content in the air. ● The mixture should also be used within 8 hours. ● Thinning Ratio <p>By Brush/Roller --- Dilute 10 parts of the paint mixture with 5 parts of Camel Low VOC Lacquer Thinner 139 (10 : 5 by volume).</p> <p>By Spray --- Dilute 10 parts of the paint mixture with 50 parts of Camel Low VOC Lacquer Thinner 139 (10 : 50 by volume).</p> <ul style="list-style-type: none"> ● Recommended no. of coats --- 2 coats

Notes:

- Product data is based on in-house testing methods modified from BS3900/ASTM.
- Content will be updated without prior notice.
- Surface preparation, application method and condition, etc. may affect product performance. We are not responsible for the performance, unless agreed in writing by us.

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APPLICATION	
Recommendations for Application	<ul style="list-style-type: none"> ● Painting is recommended to carry out on fine day. ● Surfaces to be coated must be sound, clean, free from dust, rust, oil, grease, moisture and foreign matters. For recoating old surfaces, all chalked and scaled materials must be removed before painting. ● If the mixture thickens or spoils, do not thin. Properly throw it away. Mix fresh materials again for new paint.
SAFETY PRECAUTION	
Dangerous Goods Classification	Class 3
Shelf-Life	12 months
Application Conditions	<ul style="list-style-type: none"> ● Maintain temperature in areas to receive coatings at minimum 4 deg. C, during application and until coatings have cured. ● Adequately ventilate areas where coatings are being applied. Maintain a reasonably dust-free atmosphere for duration of work. ● Protect adjacent surfaces not scheduled to receive coatings from damage and overcoat. ● Post "Wet Coating" signs while work is in progress and while coatings are curing. ● Avoid applying when relative humidity is high than 85% or ambient temperature below 10 deg. C.
Product Storage, Delivery & Handling	<ul style="list-style-type: none"> ● Material to be delivered and stored in undamaged, original manufacturers' containers. ● Keep container closed when not in use. ● Store at cool, dry place.
Health & Safety Precautions	<ul style="list-style-type: none"> ● Ingestion --- Send the affected person to hospital or obtain medical attention immediately. Do not induce vomiting. ● Eye contact --- Flush immediately with water and get medical care. ● Skin contact --- Flush immediately with water and remove contaminated clothing. If irritation persists, refer for medical attention. ● Inhalation --- Remove the affected person to fresh air and obtain medical attention if rapid recovery does not occur.
Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong	General Color : Extreme High-Gloss Coatings for Metal P10-03 Metallic Color : Metallic Pigmented Coatings P10-08
VOC content (ready to use)	General Color : Not exceeding 420gm/litre Metallic Color : Not exceeding 500gm/litre

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