



Data Sheet and Application Instruction

Product Description

Cayenne is the “hottest” thing in High Performance Polyurethane finishes to come along in years. Cayenne provides superior UV stability, high gloss, colour retention and outstanding resistance to chemicals, abrasion and impact resistance, resists chipping and peeling.

Intended Uses

- Satin & High Gloss Coating for Concrete & Steel
- Suitable for Retail, Industrial & Residential Structural Steel
- Topcoat for Talon Primer

Product Features

- High Gloss
- Superior Abrasion Qualities
- High Solids
- Resistant to Acids & Alkalies
- Single Coat Coverage*
- Manipulability of Cure Times
- Manipulability of Re-Coat Times
- Over 2,000 Colours
- Brush, Roller or Spray Application
- Easy to Clean & Maintain
- Easy to Use
- Impact Resistant
- CFIA Approved

Material Packaging

Cayenne is sold in 1.5-gallon kits.

Coverage

575 - 700 sq feet @ 2.0 mils DFT
per 1.5 Gallon Kit*

**Dependant upon profile, condition of substrate, application method, colour and introduction of aggregate.*

General Applications Steps

- 1 All surfaces must be dry and free of dirt, loose particles, and any other contaminants.
- 2 Normal Application Conditions Should Be between 4°C - 30°C
- 3 It is Important that the Temperature of the Mixed Product Coating be between 20°C - 25°C as this will Greatly Affect Viscosity.
- 4 Substrate Temperature Should **NOT BE LOWER than 4°C (40°F) or HIGHER THAN 30°C (86°F)**. Above or below normal condition will decrease or increase the length of drying time respectively
- 5 Prior to Mixing with Component B, Stir Component A with a Drill Paddle for Several Minutes Ensuring Suspension of Ingredients.
- 6 Use **Thinducer 5** - 15%** if necessary
- 7 Use 2 oz per mixed gallon of **Cheetah Catalyst** only if necessary ***
- 8 Apply an even wet coat using a pure bristle brush, sheep wool applicator, or mohair roller. (If applying by roller, ensure roller sleeves have a Phenolic core and a low nap pile (10 mm).

Clean Up

Thinducer or High Quality MEK.

Pot Life

Normal 8 hours, with **Cheetah Catalyst 1 hour.**

***May affect film build & cure times. Refer to technical data sheet.*

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Properties

MIX RATIO	2:1 (2 parts Comp A ~ 1 part Comp B)
VISCOSITY OF MIXED PRODUCT	25 sec #4 Ford Cup
SHelf LIFE	Component A - Indefinite Component B - 6~12 Months (Unopened)
MINIMUM COATING THICKNESS	2.0 mils DFT
HARDNESS	4H
VOC	3.98 lbs / gal
FLEXIBILITY	1/8 Mandrel bend; No Failure
SOLVENT RESISTANCE	100 MEK Rubs; No Failure
ABRASION RESISTANCE	1000 cycles CS-17; 32 mg loss
VOLUME SOLIDS	80%
IMPACT RESISTANCE	40 In. lbs.; No Failure

Drying

Drying time will vary depending upon temperature, humidity, airflow and other environmental factors.

The following table is based upon a temperature of 20°C (68°F) at 50% relative humidity.

	WITHOUT CHEETAH CATALYST ADDITIVE	WITH 2 OZ CHEETAH CATALYST ADDITIVE PER MIXED GALLON
DRY TO TOUCH	2 Hours	1 Hour
TACK FREE	6 - 8 Hours	3 Hours
HARD DRY	12 - 16 Hours	8 Hours
FULL CURE	7 Days	2 days
TAPE TIME	18 - 24 Hours	8 Hours
WATER SPOT FREE	48 Hours	24 Hours
POT LIFE	8 Hours	1 Hour

Cure rate is based on 2 mils DFT.

Cure rate will be longer if thicker film is applied.

Handling and Safety Precautions

Important Notice

Read all Health Hazard, Precautionary, and First Aid for ordering information, technical information, product statements found in the Material Safety Data Sheet.

All statements, technical information, and recommendations related to Cayenne are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in Cayenne's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer.

Warranty; Limited Remedy & Limited Liability.

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