



Data Sheet and Application Instruction

Product Description

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

Intended Uses

- Coating for Concrete Floors
- Suitable for Retail, Industrial & Residential Floors
- Suitable for food processing plants, potable water storage tanks

Product Features

- NSF 61 Certified
- Self Priming
- Superior Abrasion Qualities
- 100% Solids – No VOC's.
- Excellent Flexibility > 66% elongation
- Single Coat Coverage*
- Manipulability of Cure Times
- Manipulability of Re-Coat Times
- Brush, Roller or Spray Application
- Easy to Clean & Maintain



Certified to
ANSI/NSF 61

Certification

- Certified by National Sanitation Foundation International (NSF) in accordance with ANSI/ NSF 61 Standard for use on the interior potable water storage tanks (concrete & steel) and piping. Can also be applied to concrete flooring in food processing facilities.

Mixing Ratio

3 Parts Base to 1 Part Activator

Recommended Film Thickness

10 - 15 mils DFT

**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 be between 20°C – 25°C as this will greatly affects 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 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

Cayenne Reducer or High Quality MEK

Pot Life

@ 25° C (77° F) 15 Minutes

Physical Properties

MIX RATIO	3:1 (3 parts Comp A ~ 1 part Comp B)
SHELF LIFE	12 Months (Unopened)
MINIMUM COATING THICKNESS	5.0 mils DFT
HARDNESS (SHORE D)	ASTM D-2240-9160
FLEXIBILITY	(°PPD) CSA-Z245.20-06, Clause 12.11...3
ADHESION	(PSI) ASTM D-4541-95-A4.....>2000
SOLVENT RESISTANCE	100 MEK Rubs; No Failure
ABRASION RESISTANCE	1000 cycles CS-17..... 12 mg loss
VOLUME SOLIDS	100%
IMPACT RESISTANCE	CSA-Z245.20-06, Clause 12.12.....>8.0/5.9

Drying

Drying time will vary depending upon temperature, humidity, airflow and other environmental factors. The following table is based upon a temperature of 25°C (77°F) at 50% relative humidity.

DRY TO TOUCH	70 Minutes
TACK FREE	3 Hours
HARD DRY	9 Hours
FULL CURE	4 Days
TAPE TIME	18 -24 Hours
WATER SPOT FREE	18 -24 Hours

Cure rate is based on 10 mils DFT. Cure rate will be longer if thicker film are applied.

Handling and Safety Precautions

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

Important Notice

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.

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