

# Camtect UPF649

## Polyurethane Primer Filler



### FEATURES

**Camtect UPF649** is a premium quality two component polyurethane primer filler

**Camtect UPF649** has been specifically formulated as a primer filler on surfaces top coated with Camtect.

**Camtect UPF649** is a high build, fast drying primer filler which can be sanded and recoated.

### RECOMMENDED USES

**Camtect UPF649** is the perfect choice as primer filler applied to bare steel, aluminium and alloy surfaces, which will be top coated with Camtect AU660. Suitable for clean prepared steel used in the following industries;

- Transport Industry
- Chemical Industry
- Road and rail tankers
- General construction
- Agricultural Machinery
- Mining Equipment and Machinery

### SPECIFICATION DATA

<b>Colour:</b>	Buff	<b>Coverage:</b>	~ 10 m <sup>2</sup> / litre @ 50µ DFT
<b>Finish:</b>	Semi Gloss	<b>Number of Coats:</b>	1-2 coats wet on wet recoat
<b>Mixed Density:</b>	~1.22 g/cc	<b>Pot Life:</b>	<b>Part B Standard</b> 55-60 mins @ 25°C
<b>Packaging:</b>	4 and 10 litre kits		<b>Part B Slow</b> 65-70 mins @ 25°C
<b>Mix Ratio:</b>	4 parts base: 1 part hardener		<b>Part B Super Slow</b> 70-75 mins @ 25°C
<b>Application:</b>	Spray, small areas by brush.	<b>Touch Dry:*</b>	20 minutes @ 25°C
<b>Cleanup:</b>	Thinner AU160 or Thinner AU159	<b>Dry to Sand:*</b>	1 hours @ 25°C
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.	<b>Dry to Recoat:</b>	After 1 hour @ 25°C / 40 minutes @ 35°C
<b>Mixed Volume Solids:</b>	Approx 50%	<b>Full Cure:</b>	24 hours
<b>Dry Film Thickness:</b>	40 - 50µ DFT		
<b>Wet Film Thickness:</b>	80 - 100µ WFT		

\*Measured using standard Part B

### PERFORMANCE

<b>Temperature Resistance:</b>	Up to 120°C dry heat
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Excellent
<b>Solvent Resistance:</b>	Excellent
<b>Chemical Resistance:</b>	Very Good.

## DIRECTIONS FOR USE

Prepare new black steel by degreasing with Cameleon Wax and Grease Remover and dry sand with P80 – P180 grit sandpaper. Mix 4 parts by volume of **Camtect UPF649 Part A** with 1 part by volume of **Camtect UPF649 Part B**. Stir thoroughly and allow to stand for 5 minutes prior to application.

There are three Part B versions: Standard, Slow and Super Slow. The Slow and Super Slow are designed for application onto large flat areas where slightly longer open times provides touch dry times of 30-35 minutes (@25°C) and slightly longer Pot Life time. Note; In warmer months use Slow and Super Slow Part B.

If applying by conventional spray then thinning 10-15% with **Cameleon Thinner AU160 or Thinner AU159** should be carried out, as required. Application using airless spray use AU161 Thinner.

**Camtect UPF649** is best applied by conventional or airless spray. Ensure that the air-lines are free from any moisture otherwise film defects may occur. If applying by roller, use a 2 pack or foam roller and thin 15-20% with **AU161 Thinner**.

Apply thin, wet coats allowing 5 minutes flash time between coats, until the desired wet film build is achieved.

In warm, dry conditions, **Camtect UPF649** can be lightly sanded within an hour of the last coat. Test sand a small area to ensure the surface is ready to be sanded. **Camtect AU660** topcoat can be applied after light sanding.

Provide adequate natural ventilation during use. Wash equipment immediately after use with **Cameleon Thinner AU160 or Thinner AU159**.

**DO NOT apply if temperature is below 10°C or if relative humidity is >85%.**

### Typical Specifications

Surface	*Preparation	System	Dry Film Build
Steel	For best results, abrasive blast to AS1627.4 Class 2 ½. Alternative to abrasive blasting; degrease with Cameleon Wax and Grease Remover, sand with P80-P180 sandpaper	1. Camtect UPF649 2. Camtect AU660 3. Camtect AU660 <sup>(2)</sup>	50µ 40 - 50µ 40 - 50µ

<sup>(2)</sup> Second coat of Camtect AU660 optional but recommended.

## PRECAUTIONS

*\*Note: The figures quoted for pot-life and drying times may vary with local conditions - such as ambient temperature and humidity, storage conditions, and volume mixed. If the temperature is high (>25°C), the material is stored in the open, or a large volume is mixed, then the pot-life will be significantly reduced.*

**IMPORTANT!** See the Cameleon Paints General Safety Data Sheet, Product label, and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

## CAMELEON PAINTS

### Manufacturers of a complete range of quality paints

A Division of Red Fire Holdings PTY Ltd ABN 65 009 407 381  
26 Paramount Drive, Wangara, Western Australia 6065  
PO Box 1473, Wangara, Western Australia 6947  
Telephone (+61) 8 9302 2577 Fax (+61) 8 9302 2578

[email@cameleon.com.au](mailto:email@cameleon.com.au)  
[www.cameleon.com.au](http://www.cameleon.com.au)

#### Disclaimer

This is not a specification, and all the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.