

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 for surfaces to be top coated with Camtect AU660.

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

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

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

*Measured using standard Part B

PERFORMANCE

Temperature Resistance:	Up to 120°C dry heat
Abrasion Resistance:	Excellent
Weatherability:	Excellent
Solvent Resistance:	Excellent
Chemical Resistance:	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 ⁽²⁾	50µ 40 - 50µ 40 - 50µ

⁽²⁾ 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 Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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