



Manufacturers of UTHANE Polyurethane Coatings  
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## TECHNICAL DATA SHEET BC253 BLACK 1K GUIDE COAT

<b><u>PRODUCT</u></b>	<b>BC253 BLACK 1-PACK GUIDE COAT</b>
<b><u>DESCRIPTION</u></b>	BC253 Black Guide Coat is a single component fast drying nitrocellulose lacquer with a low gloss finish.
<b><u>APPLICATION</u></b>	It has been designed for use as a guide for sanding primers, fill coats and putties on both timber and metal substrates. When sanding BC253 Black Guide Coat helps applicators ensure the filler is flat (no ripples) and that body styling lines and contours are correct. It can also be used to make sure the entire primed area is sanded prior to applying a top coat. Also suitable as a finishing coat for automotive sub-frames, radiators, interior panels, luggage areas, engine bays . It may also be used for covering overspray around sub-frames and under mudguards.
<b><u>SUITABLE SUBSTRATES</u></b>	Bare steel, 1K Etch Primers, Acrylic Primer, One Step Primer Putty, 2-Pack Iso-Free Isolator, 2-Pack Hi-Build Primers & Fillers, Acrylic Lacquer, 2-Pack Colors & Clears.
<b><u>SURFACE PREPARATION</u></b>	Repair any surface defects prior to painting. Ensure all surfaces are dry, clean and free from dirt, dust, oil, grease, loose &/or flaking paint. Ensure all surfaces are free from sharp, raised edges and/or corrosion. Refer to the manufacturer for suitable recommendations.
<b><u>APPLICATION</u></b>	Stir paint thoroughly to ensure uniform consistency before each use. Apply using conventional air spray equipment. Reduce as required with BC200 Lacquer Thinner, BC Coatings All Purpose Thinner or an automotive grade Multi-Purpose Thinner.
<b>AS GUIDE COAT</b>	Apply a light mist over the area. Allow to dry for 30 - 60 minutes before sanding. Low spots will be highlighted by the presence of the guide coat during sanding. Sand until the black guide coat can no longer be seen.
<b>AS FINISH COAT</b>	Apply 2 - 3 cross passes to obtain a smooth, even finish which covers the entire surface. Allow adequate flash off time between passes and/or coats and do NOT attempt to speed up the drying process by blowing compressed air onto the job. Failure to follow these instructions can cause ridging, splitting and/or cracking of the surface. Allow to dry approximately 1 hours before recoating.

**NOTE:** *Drying times are dependent on film build and ambient weather conditions.*

<b>CLEAN UP</b>	Clean up equipment with BC200 Lacquer Thinner, BC Coatings All Purpose Thinner or BC Coatings Gun Wash.
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## BC253 BLACK 1K GUIDE COAT

### PROPERTIES

#### **COLOUR**

Black.

#### **GLOSS LEVEL**

Low gloss only.

#### **CHEMICAL RESISTANCE**

Fair - Good for weak organic acids, common alkalis and common cleaning agents.

#### **SOLVENT RESISTANCE**

Good for hydrocarbons.

Not recommended for exposure to alcohols, esters or ketones or blends thereof.

#### **WATER RESISTANCE**

Good.

#### **ABRASION RESISTANCE**

Fair.

### TECHNICAL DATA RECOMMENDED

#### **FILM BUILD**

40 - 50 microns (wet) / 5 - 10 microns (dry) per coat

#### **SUPPLY VISCOSITY**

40 - 50 seconds BS4 Flow Cup

#### **SHELF LIFE**

Shelf life is normally 12 months in original sealed containers but depends on storage conditions.

Always replace the lid securely after each & every use.

Store in a cool dry place with adequate ventilation away from heat, sparks and flames.

#### **PACKAGING**

4 lt. metal can / 20 lt. metal drum

### SAFETY

See Material Safety Data Sheet.

Provide adequate ventilation during use.

This product is highly flammable and all sources of ignition (flame, pilot lights, furnaces, spark producing switches etc.) must be eliminated in, or near the application area.

Do NOT smoke.

Avoid contact with skin and eyes.

Wear protective goggles and gloves when handling the material.

In the case of skin contact, remove contaminated clothing and wash skin thoroughly with clean water.

Seek medical attention if eyes are affected by splashes or fumes.

### GENERAL

Rate of cure is dependent upon ambient weather conditions.

Do not apply this product at temperatures below 10 °C or relative humidities above 85%.

This data sheet is based on information in BC Coatings possession at date of issue.  
BC Coatings supplies its products only on condition that the consumer is satisfied as to the performance of the product in meeting their particular requirements.