

TECHNICAL DATA SHEET

BC500 1-PACK ACRYLIC LACQUER

PRODUCT DESCRIPTION

BC500 ACRYLIC LACQUER has been developed as a multi-purpose lacquer for automotive, general industrial and commercial use.

It is suitable for interior and exterior use on most correctly prepared substrates.

It has been used for timber finishing, automotive refinish, sign work & etc.

Only the highest quality resins specifically selected for their durability, are used in the manufacture of BC500 ACRYLIC LACQUER.

BC500 ACRYLIC LACQUER dries quickly to give a smooth, dust free, water white clear, high gloss, durable finish. It has good exterior durability and is resistant to plasticizer migration retaining good flexibility and clarity.

AVAILABILITY & COLOR RANGE

Ex stock in Gloss Clear.

A selected range of reduced gloss levels are available against firm orders.

SURFACE PREPARATION

All surfaces to be painted must be sound, suitably cleaned and free from dirt, dust, oil, grime, grease, rust, silicones, curing compounds, alkali, acid residues and other foreign matter.

All substrates must suitably primed/sealed/undercoated appropriate to the substrate and end use of the article.

Avoid application at surface temperatures below 12 °C and above 30 °C.

Avoid application at relative humidities above 80 %.

APPLICATION GUIDE

Can be applied by conventional air spray or airless spray systems.

Reduce 3 parts BC500 ACRYLIC LACQUER with approximately 1 part of BC550 BASECOAT REDUCER or a high quality acrylic lacquer thinner when using conventional air spray systems.

Thin sparingly when using airless spray systems.

The ratio of thinner will vary with the application equipment and the article being painted.

Stir with a broad, flat paddle.

Do NOT shake the can as this will aerate the product and cause air bubbles in the coating.

In extremely damp &/or hot weather up to 15% of the BC550 BASECOAT REDUCER may be replaced with a high quality RETARDER THINNER to overcome blooming, blushing and/or dry spray problems.

If necessary, BC500 ACRYLIC LACQUER can be fine sanded to remove dust and other particles.

Product must cure for a minimum of 4 hours before sanding.

Allow a minimum drying time of 48 hours before packing any finished articles.

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SPREADING RATE

Approximately 6 metres² / litre / coat depending on the thinner used, film build and shape and size of the article being sprayed.

AIR DRY SCHEDULE

Dust Free Time	3	-	5	minutes
Dry To Recoat Time	60	-	90	minutes (no sanding between coats)
Hard Dry Time	90	-	120	minutes
Packing Time			48	hours

NOTE: Drying times are dependent on the thinner used, film build and ambient weather conditions.

CLEANING

Clean up application equipment with BC550 Basecoat Reducer or BC Coatings Gun Wash.

Do **NOT** use solvents for cleaning skin, but use skin cleansing creams.

SHELF LIFE

Up to 18 months from date of manufacture in original, sealed containers.

After this time, refer to the manufacturer.

HEALTH & SAFETY

Read all information carefully before commencing operations.

Please refer to the manufacturer for specialised information.

For safety and first aid instructions please refer to the appropriate material safety data sheet.

Wear protective clothing and eye protection at all times while using this product.

Observe all safety measures and regulations for the use of flammable goods.

Avoid breathing vapors, fumes and spray mists.

If swallowed, do **NOT** induce vomiting. Give plenty of water to drink.

If in eyes, hold eyes open and flush with water for at least 15 minutes.

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with a mild cleaner and water.

The information contained in this bulletin is given in good faith based on our laboratory and field experience.

There are no warranties implied or expressed.

It is recommended that the user determine the suitability of the product for the particular application under the user's actual conditions and application methods.

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