

## **TECHNICAL DATA SHEET**

### **BC504 ACID CATALYSED LACQUER**

#### **PRODUCT**

#### **DESCRIPTION**

to

High solids, rapid drying, clear, two pack acid catalysed lacquer ideally suited to automatic line operations.

Designed to give a high build, tough, resilient, protective finish on quality timber furniture.

Applications include office furniture, kitchens, commercial furniture, dining settings, wall units.

#### **PROPERTIES**

Minimal sinking after 1 hour, none after fully cured.

Excellent resistance to scratching, heat, alcohol, water and normal everyday wear & tear.

Excellent sanding properties. Good solvent resistance.

#### **COLOUR**

Clear (milky in can, dries water white clear).

#### **GLOSS LEVEL**

Gloss, Semi-gloss, Satin.

#### **AVAILABILITY**

4 litres, 20 litres, 200 litres metal containers

#### **COVERAGE RATE**

16 m<sup>2</sup> / litre at 25 micrometres.

#### **SEALING**

May be used as its own sealer or applied over 2-Pack sealers only.

#### **TONING/SHADING**

May be toned over with Fast Stain or Oil Stain

Refer to manufacturer for specific recommendations.

Allow at least 4 hours drying when using oil based stains

#### **DRYING TIMES**

Dust Free 2 - 3 minutes.

Dry to Sand 45 - 60 minutes

Hard Dry 1½ - 2 hours (dependent on conditions).

Maximum hardness is attained after 7 days.

Drying times will vary with ambient conditions.

Allow approximately 1 hour drying before fine sanding (320 - 400 grit paper) between coats.

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### **SURFACE PREPARATION**

All wood and composite surfaces are suitable, except those with high moisture, oil or exudate content.

Test timber before use.

Sand timber to a smooth finish using 180 grit Fre-Cut paper and remove all sanding dust.

### **APPLICATION:**

Mix 10 parts Base with 1 part Hardener (by volume).

Allow to stand for 10 minutes before reducing 10 - 30% (by volume) with BC504 Acid Cat. Thinner for use with conventional spray systems.

Spray without thinners with airless spray or pressure pot

This mixture will have a pot life of at least 8 hours depending on ambient conditions.

Apply 100 - 150 micrometres wet film per coat at 40 - 60 seconds

BS4 Flow Cup @ 25°C.

Allow approximately 1 hour drying before fine sanding with 320 - 400 grit Fre-Cut paper between coats.

Remove all sanding dust.

Apply next coat in dust free conditions

Only two or three coats should be necessary.

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 his particular requirements.