



# Anglo Adhesives & Services Ltd.

INDUSTRIAL ADHESIVE MANUFACTURERS - CONTRACT FILLING AND PACKAGING

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## TECHNICAL DATA SHEET

### ANGLOSOL 2000

#### INTRODUCTION:

ANGLOSOL 2000 ready-mixed, colourless gap filling solvent-based cement. It consists of a blend of specially formulated solvents and resins.

ANGLOSOL 2000 hardens as the solvent is absorbed or evaporates. The solvent softens the surfaces being joined so that they fuse, hardening as the solvent migrates into the body of the material. The cement has been specially developed to reduce the problems of rapid drying and 'skinning' common with solvent-based cements.

It is a versatile, single part cement suitable for general fabrication work which does not need high bond strength. ANGLOSOL 2000 is especially suitable for joining extruded acrylic as well as cast acrylic (Perspex) sheet without stress crazing.

**NOTE:** ANGLOSOL 2000 should not be used for some outdoor applications and cannot be used with Perspex ME, Perspex SW or Perspex AG grades. Nor is it recommended for laminating cast acrylic (Perspex) sheets as crazing will eventually appear.

For certain outdoor applications check the suitability with the manufacturers.

Polymer Base:-  
Solvent  
Weld

Full Cure  
Time:-  
24-48 Hours

Coverage:-  
>6m<sup>2</sup>  
Per Litre

Specific  
Gravity:-  
1.1kg/Ltr

Viscosity:-  
2000mPaS

Solids:-  
<1.0%

Cleaner/  
Thinner:-  
Solvent M

Shelf Life:-  
6 Months

Storage:-  
5 - 25 °C

Nearest  
Alternative:-  
Anglosol 1200

## METHOD OF USE

**IMPORTANT:** Before embarking on any work involving ANGLOSOL 2000, the Material Safety Data Sheet should be carefully studied by those carrying out the work.

Although ANGLOSOL 2000 was developed so that rapid evaporation and skinning are minimal, the following techniques will reduce these problems further.

## LIMIT EXPOSURE TO AIR BEFORE APPLYING THE CEMENT

Dispense the cement directly into the joint using a small flexible polyethylene bottle with a suitable nozzle or a hypodermic syringe with a shortened wide-bore needle, Anglo's special Application Kit is recommended.

Use the dispenser which holds no more cement than is needed for the job. prevent the nozzle or needle from becoming clogged by inserting a steel wire or pin whenever the dispenser is not being used.

Do not use ANGLOSOL 2000 for laminating as the absorption of the solvent is likely to cause distortions and / or stress crazing.

ANGLOSOL 2000 is unsuitable for some applications that involve outdoor exposure. Before use make a small test to satisfy yourself of its suitability for the application in hand.

## MIGRATION OF PIGMENTS

The solvent in ANGLOSOL 2000 may cause soluble colourants to migrate from one piece of acrylic (or other plastic being used) to the next. If colour is important, check for any migration by making a small test joint.

## SHELF LIFE

ANGLOSOL 2000 in an un-opened container has a shelf life of 9 months.

Un-opened containers do not need to be stored in a refrigerator.

Always replace the lid of the container immediately after use to prevent the Evaporation of the solvent.

ALWAYS SHAKE THE TIN BEFORE USE.

NOTE: THIS ADHESIVE IS NOT RECOMMENDED FOR STRUCTURAL APPLICATIONS ON AIRCRAFT.

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