



Anglo Adhesives & Services Ltd.

INDUSTRIAL ADHESIVE MANUFACTURERS - CONTRACT FILLING AND PACKAGING

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TECHNICAL DATA SHEET

ANGLO EXTRU-FIX

INTRODUCTION:

ANGLO EXTRU-FIX is a ready-mixed, colourless, solvent-based cement. It consists of a blend of specially formulated solvents.

ANGLO EXTRU-FIX 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. ANGLO EXTRU-FIX is suitable for joining items made from 'Diakon' acrylic polymers as well as cast acrylic (Perspex) but is especially suitable for the bonding of Extruded acrylic sheet without stress crazing.

NOTE: ANGLO EXTRU-FIX should not be used for 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.

Polymer Base:-
Solvent
Weld

Cure Time:-
Initial: 1-2 mins
Full: 24-48 hrs

Coverage:-
>10m²
Per Litre

Specific
Gravity:-
1.1kg/Ltr

Viscosity:-
50-100mPaS

Solids:-
<1.0%

Cleaner/
Thinner:-
Solvent M

Shelf Life:-
9 Months

Storage:-
5 - 30 °C

Nearest
Alternative:-
Anglosol 1200

METHOD OF USE

IMPORTANT: Before embarking on any work involving ANGLO EXTRU-FIX, the Material Safety Data Sheet should be carefully studied by those carrying out the work.

Although ANGLO EXTRU-FIX 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 Kits are 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 ANGLO EXTRU-FIX for laminating as the absorption of the solvent is likely to cause distortions and / or stress crazing.

ANGLO EXTRU-FIX 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 ANGLO EXTRU-FIX 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

ANGLO EXTRU-FIX 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
Evaporation of the solvent.

ALWAYS ENSURE THAT THE TIN IS SHAKEN WELL BEFORE USE.

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

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Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the of the information, due to the responsibility of variations of processing or working conditions and or workmanship outside our control. Users are advised to confirm the suitability of this product by their own use.