

## Technical Data Sheet

# ARO-BOND® 537 WOODWORKING ADHESIVE



**ARO-BOND® 537 IS A MEDIUM VISCOSITY, SINGLE COMPONENT VAE COPOLYMER ADHESIVE WITH GOOD SHEAR STABILITY.**

**ARO-BOND® 537 IS SUITABLE FOR BONDING PAPERS, FILMS AND FOILS, AND GIVES GOOD ADHESION ON PRINTED AND VARNISHED SURFACES.**

Aro-Bond® 537 can be used in applications such as film lamination on porous or printed substrates, and for use in paper and packaging applications.

### BENEFITS

- Bonds films, foils and paper
- Fast curing
- Good heat resistance
- Bonds non-porous substrates to wood

### TECHNICAL DATA

Brookfield viscosity:	4000-10000 mPas
Solids content:	60 +/-2%
pH:	3.0 - 5.0

### AVAILABLE SIZES

Jerrican	25kg
IBC	1000kg

## PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits.

Aro-Bond® 537 should be applied evenly to one substrate, preferably to the less porous substrate, using a brush, hand roller or mechanical roller. Adhesive coverage between 250g per m<sup>2</sup> are suitable depending on the porosity of the surfaces to be bonded. It should be noted that adhesive spread has considerable influence on both assembly and setting times.

Lay the items to be bonded together within the workable time and press them for as long a time as is needed to achieve the required handling strength. The pressure should be high enough to ensure contact of the parts over the entire area of the joint. Allow 24 hours for full strength to develop.

Aro-Bond® 537, like all other EVA adhesives, may tend to show structuring especially in cold conditions. This effect is generally reversible on slight stirring. Additionally, there may be some increase in viscosity, but this will not detract from the application properties or performance.

## HANDLING AND STORAGE

Clean machines, equipment and tools with water before the adhesive dries.

Aro-Bond® 537 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 30°C. In these conditions it has a storage life of 6 months. Aro-Bond® 537 must not be allowed to freeze and ideally should be warmed to at least 15°C before use.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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