

## Arbo Mirror Adhesive

Arbo Mirror Adhesive is a solvent free, one part moisture curing adhesive based on modified polymer technology which cures to give a tough but flexible rubber.

### MAIN APPLICATIONS

Recommended for bonding mirrors to plastered or tiled walls in many common internal construction areas.

**Note:** Arbo Mirror Adhesive is not appropriate for use with plastic type safety backed mirrors; please contact Adshead Ratcliffe Technical Service Department for further advice.

Not appropriate for bonding mirrors to very friable surfaces.



### APPLICATION INSTRUCTIONS

#### Substrate preparation

The surfaces of the mirror and wall must be clean, dry and free from all contamination. The surfaces should be degreased using the appropriate Arbo Cleaner.

Primers may be required on some porous substrates. It is recommended that Adshead Ratcliffe Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

#### Application

Arbo Mirror Adhesive is supplied in 310ml cartridges and can be applied using an Arbo Caulking Gun. Apply in 6mm beads approximately 150mm apart to one substrate only. To assist in the curing of the product and for bedding of larger mirrors leave breaks of approximately 50mm at 500mm centres in the beads of sealant.

Mirrors with a surface area less than 1m<sup>2</sup> will require temporary support whilst the adhesive achieves full cure. Mirrors with a surface area greater than 1m<sup>2</sup> will require permanent support along the bottom edge of the mirror.

When installing mirrors in areas subject to high humidity the back and edges of the mirror should be covered in aluminium foil. To minimise the risk of chemical contamination from the wall finish affecting the mirror backing and to prevent moisture build up it is recommended that an air gap of at least 3mm is left between the back of the mirror and the wall.

**NB:** NB Do not apply at temperatures below 5° C and where Relative Humidity is below 40 %.

## TECHNICAL DATA

Skin Time at 20° C/65 % RH: 20 minutes

Application Temperature: + 5° C to + 40° C

Service Temperature: - 40° C to + 150° C

Typical Shore A Hardness: 50

Chemical Resistance: Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion

UV Resistance: Very Good

Service Life: 20 years+

Cure Rate at 20° C/65 % RH: 1 - 2mm/24 hours.

**NB:** Through cure rate will be retarded where passage of moisture to the centre of a large amount of product occurs.

### PACKAGING

25 x 310ml cartridges per box. Polyethylene Nozzles are included in each box.

### COLOURS

White

### STORAGE LIFE

12 months in original unopened packaging stored in a cool, dry place out of direct sunlight

### HEALTH AND SAFETY.

No particular health hazards associated with this product but please consult Material Safety Data Sheet for full information

### ACCESSORIES

#### Primer

Arbo Primer 2650 (500ml tin) Yield approximately 250 metres per tin

#### Cleaners

Arbo Cleaner No.17- 1 Litre Tin (Xylene based – not suitable for use with plastics or delicate finishes)

Arbo Cleaner No. 16 - 1 Litre Tin (Alcohol Based)

#### Ancillary Equipment

Polyethylene Nozzles

Arbo Caulking Guns

**IMPORTANT:** The information in this leaflet is given in good faith and based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom

Derby Road | Belper  
Derbyshire

DE56 1WJ  
United Kingdom

T +44 (0)1773 826661  
F +44 (0)1773 821215

E arbo@arbo.co.uk  
www.arbo.co.uk