



For Sealing Concrete Expansion Joints



Arbothane 1245



Application Gun Available On Request



## Arbothane 1245 Sealant

Arbothane 1245 is a one part Polyurethane Sealant which cures on exposure to moisture vapour to form a tough but flexible rubber. Arbothane 1245 has good adhesion to concrete, brickwork, metals and many other common construction substrates.

## Main Applications

Recommended for use in floor joints, expansion joints and structural cladding applications. Not recommended for use against natural stone.

## Application

All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000 Part 16, the British Standard for the sealing of joints in buildings using sealants. Arbothane 1245 is supplied in 600ml foil packs and can be applied into the joint using an Arbo Foil Pack Gun.

## Application Instructions

### Joint Preparation

The joint surfaces 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 substrates. It is recommended that Adthead Ratcliffe Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

### Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

### Joint Size Suitability and Width

Minimum 6mm - Maximum 25mm (single application); for advice on multiple applications please contact Adthead Ratcliffe Technical Services Department. Joint Depth Minimum 10mm on porous substrates Minimum 6mm on non-porous substrates Maximum 20mm

### Width

Depth ratio (within above min/max restrictions)  
2:1 butt joints - 1:1 lap joints

### Storage Life

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

### Health & Safety

Contains Isocyanates. Please consult Material Safety Data Sheet for full information.

## Packaging

20 x 600ml Foils per box. Polyethylene Nozzles are included in each box.

## Accessories

Primers Arbokol AG2 Porous Primer (500ml tin). Yield approximately 125 metres per tin Arbo Primer 7750 (500ml tin). Yield approximately 200 metres per tin.

## Cleaner

Arbo Cleaner No.17- 1 Litre Tin (Xylene based – not suitable for use with plastics ordelicate finishes) Arbo Cleaner No. 16 - 1 Litre Tin (Alcohol Based)

## Equipment

Arbo Foil Pack Gun

### TECHNICAL DATA

Colours	Grey
Skin Time at 20o C/65% RH	90 Minutes
Application Temperature	+5o C to + 40o C
Service Temperature	-30o C to + 110o C
Typical Shore A Hardness	45
Cure Rate at 20o C/65 % RH	2mm/24 hours
Chemical Resistance	Moderate resistance to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion.
UV Resistance	Very Good
Service Life	15 years +
Movement Accommodation	Butt joints (movement in tension and compression): 35 %.
Lap joints (movement in shear)	70%

### SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F – 25 HM



Certified under the Harmonized European Standard EN15651. Please refer to separate Declaration of Performance for more details.

### QUANTITY ESTIMATOR

JOINT SIZE (MM)	METRES/LITRE
6 x 6	27.80
9 x 6	18.50
12 x 9	9.30
18 x 10	5.60
25 x 10	4.00

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