

## ARBOTHANE 1245SL

Arbothane 1245SL is a one part self-levelling Polyurethane Sealant which cures on exposure to moisture vapour to form a tough but flexible rubber. Arbothane 1245SL has good adhesion to concrete and many common construction substrates.

### MAIN APPLICATIONS

Recommended for use in both interior and exterior applications to seal joints in floors and walkways that are exposed to pedestrian and vehicle traffic in warehouses, garages and factory floors. For concrete and porous surfaces it is recommended that Arbokol AG2 Porous Primer is used to promote the correct adhesion. For other materials preliminary testing is recommended to determine suitability. Refer to Arbo Technical Services for further information

**NB:** Not recommended for use against natural stone.



### APPLICATION INSTRUCTIONS

#### Joint Preparation

The joint surfaces must be even, 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 Adshead 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.

#### 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 1245SL is supplied in 600ml foil packs and can be applied into the joint using an Arbo Foil Pack Gun

## TECHNICAL DATA

Colours	Grey
Skin Time at 20° C/65 % RH:	60 minutes
Application Temperature:	+ 5° C to + 40° C
Service Temperature:	- 40° C to + 90° C
Typical Shore A Hardness:	40
Cure Rate at 20° 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 %.

### JOINT SIZE SUITABILITY

#### Joint Width

Minimum 6mm

Maximum 25mm (single application);  
for advice on multiple applications please  
contact Adshead 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

### 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.

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## 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

### Cleaners

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

## SPECIFICATION COMPLIANCE

UK  
CA

## QUANTITY ESTIMATOR

JOINT SIZE (MM)	METRES/LITRE
6 x 6	27.8
9 x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

**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.

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