ARBO

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, brickwork, metals and many other 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 e.g. plastics, PVC, aluminium and lacquered metal, preliminary testing is recommended to determine whether priming is required. 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 1245SLis supplied in 600ml foil packs and can be applied into the joint using an Arbo Foil Pack Gun

CARLISLE
CM EUROPE

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.

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

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

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