ARBOSEAL PRO®

ARBOTHANE 1245

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 and other construction substrates.

Main Applications

Floor joints in concrete.
NB: Not recommended for use against natural stone.
Not over-paintable.

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. ARBO® AG2 Porous Primer is recommended on concrete. It is recommended that ARBO® Technical Services be consulted regarding the use of primer for specific purposes.

Joint Backing

Where applicable, use appropriately sized cross-linked, closed cell Polyethylene foam.

Application

All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000 – 16: 1997 + A1: 2010 the British Standard for the sealing of joints in buildings using sealants. Arbothane 1245 is supplied in 600 ml foil packs and can be applied with an ARBO Foil Pack gun.



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Joint Size Suitability

Joint width
Minimum 6 mm

Joint Depth
Minimum 12 mm on porous substrates.
Maximum 20 mm.

Width: Depth ratio (within above min/max restrictions)
1:1 lap joints

Storage Life

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

Health and Safety

Contains Isocyanates. Please consult the Safety Data Sheet forfull information.

Packaging

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

Accessories

Primers
Arbokol AG2 Porous Primer (500 ml 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
ARBO® Foil Pack Gun

Technical Data	
Colour:	Grey
Skin Time at 20° C/65 % RH:	85–95 minutes
Application Temperature:	+5 °C to + 40 °C
Service Temperature:	-30 °C to + 110 °C
Typical Shore A Hardness:	45
Cure Rate at 20°C /65 % RH:	2 mm/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
Movement Accommodation:	Butt joints (movement in tension and compression): 35 %.
Lap joints (movement in shear):	70 %

Specification Compliance
ISO 11600 – F – 25 HM

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. It is the user and specifier's responsibility to ensure ARBO® product is suitable for the intended use: consult ARBO® Technical Services for specific advice. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

UK CA

CARLISLE® Construction Materials Ltd.

Unit 1 | Park Lane Business Park
Park Lane | Kirkby-in-Ashfield
UK –Nottingham | NG17 9GU

T +44 (0)1623 62 72 85
E info.arbo@ccm-europe.com

www.ccm-europe.com

CARLISLE CM EUROPE

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