

ARBOFLEX® PU SEALANT

One part polyurethane sealant

ARBOFLEX® PU SEALANT is a one part polyurethane sealant which cures on exposure to moisture vapour to form a tough but flexible membrane. ARBOFLEX® PU SEALANT has good adhesion to concrete, brickwork, metals and many other common construction substrates.

Main application

Recommended for use in floor joints, expansion joints and structural cladding applications.

NB: Not recommended for use against natural stone.

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 our technical 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. ARBOFLEX® PU Sealant is supplied in 300 ml cartridges and can be applied into the joint using an Arbo Foil Pack Gun.



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Joint size suitability

Joint Width

Minimum 6 mm

Maximum 25mm (single application);

for advice on multiple applications please contact
Adshead Ratcliffe Technical Services Department.

Joint Depth

Minimum 10 mm on porous substrates

Minimum 6mm on non-porous substrates

Maximum 20 mm

Width: Depth ratio

(within above min/max restrictions)

2:1 butt joints

1:1 lap joints

Packaging

12 x 300 ml cartridges. Polyethylene Nozzles are included in each box.

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.

Technical features

Properties	Values
Colours	Grey
Skin Time at 20°C/65 % RH:	90 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:	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%

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Accessories

Primers

ARBOKOL AG2 PRIMER

Yield approximately 125 metres per 500 ml.

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)

Equipment

Arbo Caulking Gun

Specification compliance

BS EN ISO 11600 – F – 25 HM

CE 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	27.8
9 x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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