

Arbo 2020

Arbo 2020 is a unique three - part epoxy sealant, which cures to form a flexible, hard wearing seal with good resistance to traffic loads.

Arbo 2020 has good adhesion to concrete, many metals, glass and many other common construction substrates and can be colour matched to most colour requirements.

MAIN APPLICATIONS

Recommended for sealing floor joints in internal environments e.g. kitchens, food processing areas, retail outlets.

Can be used in the manufacture of pre formed movement joints.

NB: Not recommended for use in high movement joints or where prolonged water immersion may occur.

Arbo 2020 should be pre-tested against natural stone before application into floor joints formed in natural stone (Please contact Adshead Ratcliffe Technical Services Department for more information).

PACKAGING

2.0 Litre Set, with a tin for the Base, 150 ml cartridge for the Curing Agent and sachet for the colourizer. Follower plate.

STORAGE LIFE

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

COLOURS

Grey, Black, Bright Red, Stone, Oatmeal, Maize, Buff, Light Brown. Other Colours can be colour matched – please contact Adshead Ratcliffe Technical Services Department for further information.

NB: Not available in White due to colour instability.



APPLICATION INSTRUCTIONS

Joint Preparation

The joint surfaces must be clean and free from all contamination. Surfaces should be degreased using the appropriate surface cleaner (contact Adshead Ratcliffe Technical Service Department for further information)

Mixing

The ratio of base, curing agent and colourizer controls the performance properties of Arbo 2020 and the product is filled off to an exact mixing ratio. It is vital therefore that the whole contents of the Curing Agent and Colourizer packaging are added to the Base tin. The 3 components must be thoroughly mixed to ensure complete homogeneity and colour dispersion.

Application

The normal method of application is to fill the mixed sealant into Arbo Barrel Guns using a heavy duty follower plate.

The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun.

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.

Joint Backing

Please use appropriate joint filler, e.g. closed cell polyethylene foam should be used to provide the correct joint depth. All joint preparation and sealant application should be carried out in accordance with BS8000 Part 16 (British standard for the sealing of joints in buildings)

Joint Size Suitability

Joint Width

Minimum 6mm

Maximum 25mm (single application); 50 mm (multiple applications)

Joint Depth

Minimum 10mm on porous substrates (12mm in floor joints)

Minimum 6mm on non porous substrates (12 mm in floor joints)

Maximum 25mm

Width: Depth ratio

(within above min/max restrictions)

2:1 butt joints

1:1 lap/floor joints

HEALTH AND SAFETY

Base and Curing Agent require careful handling. Please consult MSDS's for each component before use.

ACCESSORIES

Cleaners

Arbo Cleaner Type 17 - 1 litre Tin
(Xylene based – not suitable for use with plastics or delicate finishes)

Arbo Cleaner 16 – 1 Litre Tin
(Alcohol Based)

Equipment

Bulk Loading Guns

Heavy Duty Follower Plates

QUANTITY ESTIMATOR

Joint Size (mm)	Metres per 2.0 Litre Set
6 x 6	55
9 x 6	38
12 x 9	18
20 x 10	10

TECHNICAL DATA

Typical Shore A Hardness (cured at 20° C):	55 - 65
Work Life (Typical at 20° C):	1½ - 2 hours
Application Temperature:	+5° C to + 40° C
Service Temperature:	-20° C to +70° C
Cure Rate (at 20° C):	24 hours. At lower temperatures cure rate will be extended
Chemical Resistance:	Resistant to most dilute acids, alkalis and vegetable oils. Organic solvents may cause the sealant to swell and lose adhesion.
UV Resistance:	Good
Service Life:	20 years (when used in trafficked joints or subjected to chemical exposure, service life may be reduced)
Movement Accommodation:	Butt joints (movement in tension and compression): 10 % Lap joints (movement in shear): 10 %

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.

CARLISLE® Adshead Ratcliffe & Co Ltd. United Kingdom

Derby Road | Belper
Derbyshire

DE56 1WJ
United Kingdom

T +44 (0)1773 826661
F +44 (0)1773 821215

E arbo@arbo.co.uk
www.arbo.co.uk