

Arbomeric MP20 is a one part high modulus modified polymer sealant which cures on exposure to moisture vapour to form a tough but elastic rubber.

MAIN APPLICATIONS

Arbomeric MP 20 is recommended for use in many forms of construction including structural joints in heavy cladding, structural movement joints in floors and floor joints in heavily trafficked areas. Prisons and secure units (supervised areas) forming anti-pick/anti-vandalism joints, or any area that could be subject to abuse and vandal attack.

NB Not recommended for joints in lightweight cladding and swimming pools. Is over-paintable once fully cured; pre-use tests are advised to demonstrate compatibility with individual paints.

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 Adsheed 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.

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.

Application

Arbomeric MP20 is supplied in polyethylene 380ml cartridges and 600ml foils



TECHNICAL DATA

Skin Time at 20°C/65% RH:	15 minutes
Application temperature:	+5°C to + 35°C
Service temperature:	-40°C to +120°C
Chemical resistance:	Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion. Strong cleaning agents can cause surface deterioration and may affect the efficiency of the material.
UV resistance:	Very good
Service life:	20 years + (when used in trafficked areas the life may be reduced)
Movement Accommodation:	
Butt joints (movement in tension and compression):	35%
Lap joints (movement in shear):	70%
Colours:	White, Grey, Black
Modulus @ 100 % Extension:	1.12 N/mm ²
Ultimate Elongation:	220%
Tensile Strength @ Break:	1.85 N/mm ²
Typical Shore Hardness	50

JOINT SIZE SUITABILITY**Joint Width**

Minimum 6mm

Maximum 25mm (single application); 35mm (multiple applications)

Joint Depth

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

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

Maximum 20mm

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

2:1 butt joints

1:1 lap joints/floor joints

PACKAGING

25 x 380ml Polyethylene Cartridges per box.
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 AND SAFETY

No particular health hazards are associated with this product but please consult Material Safety Data Sheet for full information.

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 info.arbo@ccm-europe.com
www.arbo.co.uk

ACCESSORIES

Primers

Arbo Primer 2650 (500ml tin) Yield approximately 125 metres per 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

Polyethylene Nozzles
Arbo Caulking Guns

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

SPECIFICATION COMPLIANCE

BS EN ISO 11600 – F – 20 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. 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 E info.arbo@ccm-europe.com
F +44 (0)1773 821215 www.arbo.co.uk