

High Modulus Modified Polymer Sealant

Product Description

High Modulus Modified Polymer Sealant 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

High Modulus Modified Polymer Sealant 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.

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.

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

Features

- Joint Size Suitability
 - Joint Width -
Maximum 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)

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. Feb 2019

Premier Sealant Systems Ltd.

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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.
- 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 surfaces)
Arbo Cleaner No.16 – 1 Litre Tin (Alcohol Based)
- Ancillary Equipment -
Polyethylene Nozzles
Arbo Caulking Guns

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

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QUANTITY ESTIMATOR	
JOINT SIZE (MM)	METRES/ LITRE
6x 6	27.8
9x 6	18.5
12 x 9	9.3
18 x 10	5.6
25 x 10	4.0

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