

CEMTEC ARBOSIL LM

NEUTRAL CURE SILICONE SEALANT

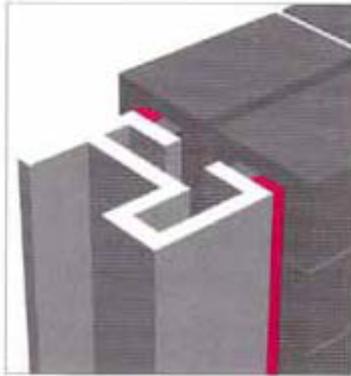


DESCRIPTION

CEMTEC ARBOSIL LM is a one part Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber

BASIC USES

Recommended for perimeter sealing of PVCu frames and sealing joints in brickwork, the MVP and Heel and Bead methods of glazing insulating glass units, remedial glazing and sealing joints in translucent roofing sheets.



Perimeter Sealing PVC Frames

SPECIFICATION:

CEMTEC ARBOSIL LM is manufactured to comply with BS EN ISO 11600 - F/G - 25 LM and BS 5889 Type A: 1989

TECHNICAL INFORMATION

Skin time 20 ^o C/65% RH (colored grades)	: 10 min
Skin time 20 ^o C/65% RH (Translucent grades)	: 20 min
Application Temperature	: 5 ^o C to 40 ^o C
Service Temperature	: -40 ^o C to 120 ^o C
Shore 'A' Hardness	: 30
Cure rate 20 ^o C/65% RH	: 2mm / 24 hrs
Chemical Resistance	: Resistant to most dilute acids and alkalis. Organic solvents may cause the sealants to swell and lose adhesion.
UV resistance	: Very Good
Movement	

accommodation : accommodation : Butt joints (movement in tension and compression): 50%. Do not to exceed ±33% in any one direction. Lap joints (movement in shear): 100%. Do not to exceed ±66% in any one direction.

APPLICATION INSTRUCTIONS

Joint Preparation

The joint surface must be clean, dry and free from all contamination. The surfaces should be degreased and appropriate primer is used for specific purposes. Primer may be required on some substrates. It is recommended that CMCI's Technical Service Dept. should be consulted and advice obtained with regard to the choice of primer for specific purpose.

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 sealant.

Application

CEMTEC ARBOSIL LM is supplied in polyethylene 300ml cartridge / 600ml sausage and can be applied into the joint using caulking Gun.

Joint Size Suitability

Joint Width

Minimum	: 6mm
Maximum	: 25mm (single application) 50mm (multiple application)

Joint Depth

Minimum	: 10mm on porous substrates 6mm on non-porous substrates
Maximum	: 15mm

Width depth ratio

(within above min/max restrictions)
2:1 butt joints
1:1 lap joints

COVERAGE	Joint Size (mm)	Meters/Liter
	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
PACKAGING	CEMTEC ARBOSIL LM is available in 24 x 300ml cartridge / 25 x 600ml sausages per box. Nozzles are included in each box.	
COLOR	CEMTEC ARBOSIL LM is available in White, Black, Grey, Translucent, Anthracite, Brown, Buff, Dark Bronze, Portland, Rustic Red and Magnolia colors.	

SHELF LIFE

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

PRECAUTION

It is not recommended for over painting, use glass wall assemblies and use against natural stone.

HEALTH & SAFETY

CEMTEC ARBOSIL LM contains Oximosilanes (Not Translucent Grade). Please consult Material Safety Data Sheet for full information.

TD/PDS/1010/B

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no warranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
P.O. Box 7137, Dammam 31462, Saudi Arabia,
Tel: 00966-13-8471450; Fax: 00966-13-8471575
Email: tech@cmci-sa.com, Web: www.cmci-sa.com