

# CEMTEC ARBOSIL 1081

## ANTI FUNGUS SILICONE SEALANT



### DESCRIPTION

**CEMTEC ARBOSIL 1081** Silicone sealant which cures on exposure to moisture vapor to form an elastic silicone rubber. **CEMTEC ARBOSIL 1081** White and Black color contain a fungicide to help reduce the incidence of mould growth when used in kitchens, bathrooms and other sanitary applications.

**CEMTEC ARBOSIL 1081** Translucent color does not contain a fungicide and is recommended for use in the production of fish tanks and aquariums.

### BASIC USES

Recommended for use around baths, showers, sinks, wash basins, kitchen worktops and many other sanitary and internal applications. Recommended for shop fronts, show case and glass to glass joints White and Black contain a fungicide to inhibit mould growth . Recommended for the production of fish tanks and aquariums (translucent only).

Not recommended for overpainting, use against most metals and use against natural stone.

### SPECIFICATION

**CEMTEC ARBOSIL 1081** is manufactured to comply with

**BS EN ISO 11600 - F/G - 25 - LM**  
**BS5889 :1989 Type B**

### TECHNICAL DATA

Skin Time @20° C/65 % RH	: 10 min
Application Temperature	: +5°C to 40°C
Service Temperature	: -40°C to +150°C
Shore 'A' Hardness	: 20
Cure Rate @20°C/65 %RH	: 2 mm/24 hrs
Chemical Resistance	: Resistant to most dilute acids and alkalis. Organic solvents may cause the sealant to swell and lose adhesion
UV Resistance	: Very good

### Accommodation

Butt joints (movement in tension and compression) : 25%  
(do not exceed  $\pm 33\%$  in any direction)

Lap Joints (Movement in shear) : 50%  
(do not exceed  $\pm 66\%$  in any direction)

### APPLICATION INSTRUCTIONS:

#### Joint Preparation:

The joint surface must be clean, dry and free from all contamination. The surfaces should be degreased using appropriate cleaner. Primers may be required on some substrates. It is recommended that CMCI 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 1081** is supplied in polyethylene 300ml cartridge /600ml sausage and can be applied into the joint using caulking Gun.

### JOIN SIZE AND SUITABILITY

#### Joint Width:

Minimum	: 6mm
Maximum	: 25mm

#### Joint Depth:

Minimum	: 10mm (porous substrates) : 6mm (non-porous substrates)
Maximum	: 15mm

**Width Depth Ratio** : (within above min/max restriction):  
2:1 butt joints  
1:1 lap joints

### PRIMERS

CEMTEC ARBO PRIMER 2650	: 500ml
(Yield approx. 125 meter per pack)	
CEMTEC ARBO PRIMER 2402	: 500ml
(Yield approx. 200 meter per pack)	
CEMTEC ARBO PRIMER 2172	: 500ml
(Yield approx. 200 meter per pack)	

### CLEANERS

CEMTEC ARBO CLEANER NO.17	: 1ltr
Xylene based - non suitable for use with plastic or delicate finishes	
CEMTEC ARBO CLEANER NO.16	: 1ltr
Alcohol based	

	Joint Size (mm)	Meters/Liter
COVERAGE	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	<b>CEMTEC ARBOSIL 1081</b> is available in 24 x 300ml cartridges and 25 x 600 ml sausage per box. Nozzles are included in each box.	
COLOR	<b>CEMTEC ARBOSIL 1081</b> is available in White, Black and Translucent.	

## ANCILLARY EQUIPMENT

### Polyurethane Nozzles

### Caulking Guns

#### SHELF LIFE

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

#### HEALTH & SAFETY

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

#### 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.

Arbo Sealants are manufactured in KSA under the Technical License from Adshad Ratcliffe UK.

**TD/PDS/1019/A**

#### 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"**  
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