

CEMTEC ARBO XL1075

GENERAL PURPOSE INTUMESCENT SEALANT



DESCRIPTION

CEMTEC ARBO XL1075 is a high quality general purpose intumescent sealant with acoustic properties. It is tested in joints up to 50mm wide and four hours resistance.

CEMTEC ARBO XL1075 is a one part Acoustic, Fire Resistance, Water Based Acrylic Sealant. When subject to flame, CEMTEC ARBO XL1075 will intumesce, blocking the passage of fire and smoke. CEMTEC ARBO XL1075 has good adhesion to a wide variety of common construction substrates without the need of a primer.

CEMTEC ARBO XL 1075 is suitable for application and use in weather conditions prevailing in Middle East.

BASIC USES

Recommended for the sealing of fire joints, for use in fire resistant doors and partitions. For use in brickwork and brickwork joints where low movement accommodation is required. Recommended where sound reduction properties are required. Fire resistance of four hours has been independently verified.

SPECIFICATION

CEMTEC ARBO XL1075 is manufactured to comply with BS EN ISO 11600 - F/G - 7.5P.

Fire Testing to BS 476 Part 20:1987;
Warrington Report No.: 63282
Warrington Report No.: 116997
Warrington Report No.: 119344
Warrington Report No.: 123325/A

Acoustic Testing;

AIRO Report L/2913/3
AIRO Report L/2913/4
AIRO Report L/2913/5

TECHNICAL DATA

Skin Time

@20°C/65% RH : 5 min

Application

Temperature : +5°C to 40°C

Service Temperature : -10°C to +70°C

Shore 'A' Hardness : 30

Cure Rate

@20°C/65% RH : Dependent upon sealant depth and ambient temperature and humidity.

Chemical Resistance : Fair resistant to most alkalis and dilute acids. Poor resistance to organic solvents

UV Resistance : Not Applicable

Paintability : Paintable with water based paints in 3 hrs after application and gloss paints after 12 hrs application

Movement Accommodation
Butt joints (movement in tension and compression) : 10%

Lap Joints (Movement in shear) : 20%

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. 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 ARBO XL1075 is supplied in 600ml sausage and can be applied into the joint using a caulking Gun.

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 ARBO XL1075 is available in 24 x 300ml cartridges per box and 25 x 600 ml sausages. Nozzles are included in each box.	
COLOR	CEMTEC ARBO XL1075 is available in White , Grey, Red and other colors available on request.	

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JOIN SIZE AND SUITABILITY

Joint Width:

- Minimum : 6mm
 Maximum : 25mm (single application); for advice on multiple applications please contact CMCI Technical service dept.

Joint Depth

- Minimum : 10mm (porous substrates)
 : 6mm (non-porous substrates)
 Maximum : 25mm

Width Depth Ratio:

Please contact CMCI Technical Service dept. Generally, joints should be as narrow as possible minimize exposure to fire.

PRIMERS

- CEMTEC ARBO PRIMER 2650 : 500ml
 Yield approx. 125 meter per pack

CLEANER

- 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.

ANCILLARY EQUIPMENT

- Polyurethane Nozzles
 Caulking Guns

FIRE RESISTANCE SYNOPSIS

Joint Size (mm)	Backing Material	Integrity (Min)
15 x 10	Foam Polyurethane	240
15 x 20	Foam Polyurethane	240
30 x 12	Rockwol	240
30 x 12	Foam Polyurethane	240
35 x 12	Rockwool	240
50 x 25	Foam Polyurethane	240

STORAGE LIFE

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

PRECAUTIONS / LIMITATIONS

The application and use of Cemtec ARBO XL1075 for external joints is not recommended at low ambient temperature and at inclement weather conditions.

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 .

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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.

"High Quality Construction Chemicals"
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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 guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.