

CEMSEAL ACRYLIC

SINGLE COMPONENT ACRYLIC SEALANT



DESCRIPTION

CEMSEAL ACRYLIC is a one part Water Based Acrylic Sealant primarily designed to seal internal low movement joints. It exhibits good adhesion to a wide variety of common construction substrates without the need of a primer.

FEATURES & ADVANTAGE

- Over paintable
- Ready to use directly from the container / cartridge
- Good adhesion to variety of building substrate

BASIC USES

Recommended for use in internal movement joints e.g. joints around window and door frames, skirting boards, walls and ceilings, aluminum and caulking cracks.

Note

Not recommended for use in high movement in joints and for use in external joints.

TECHNICAL DATA

Dry to Touch	: 20 min
Skin Time @20°C/ 65 RH	: 20 min
Application Temperature	: +5°C to 30°C
Service Temperature	: -40°C to +70°C
Solid content	: 78%
Shore 'A' Hardness	: 25
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.
Paintability	: paintable with water based paints in 3 hrs after application and gloss paints after 12 hrs application.
Movement Accommodation	: 5%
But joints (movement in tension and compression)	
Lap Joints (Movement in shear)	: 10%

APPLICATION INSTRUCTIONS

Joint Preparation

The joint surface must be clean, dry and free from all contamination. Wire brushing, grinding or mild sand blasting may be necessary to prepare these surfaces. Metal substrates should be cleaned to remove any rust, oils or coating that could be detrimental for bonding of sealant.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to control depth of sealant bead. Where depth of joint will prevent use of joint backing, a bond breaker should be installed to prevent three-sided adhesion. Joint backing must be dry at the time of sealant application.

Application

The tip of the cartridge should be cut with a knife and apply by caulking gun, hand or pneumatic pressure. The sealant is pressed firmly into joint to assure good contact and finished with a trowel or putty knife. CEMSEAL ACRYLIC packed in pail can be loaded into a sealant gun and applied with the above procedure, or the sealant can also be applied using a putty knife. Tooling is recommended immediately after application to ensure firm, intimate contact with the joint interface. Masking tape may be placed on the side of joint to prevent smearing of excess sealant and can be removed before sealant cures. Maintenance: Damaged sealant can be repaired by cutting out the part and resealing it with CEMSEAL ACRYLIC .

CLEAN-UP

Clean tool and equipment with plain water before acrylic sealant dries.

LIMITATIONS

- Not recommended for below grade application or areas submerged in water
- Not recommended for heavy traffic

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.

COVERAGE	Contact CMCI Tech Dept.
PACKAGING	CEMSEAL ACRYLIC is available in 20kgs pail and 330ml cartridge.
COLOUR	CEMSEAL ACRYLIC is available in White, Beige and Grey colors.

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.

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