



The Trusted Brand in  
**CONSTRUCTION  
CHEMICALS**

ISO 9001  
**BUREAU VERITAS**  
Certification



# CEMTEC ARCHITECTURAL SEAL

## NON-YELLOW ACRYLIC MASONRY SEALER

**CEMTEC ARCHITECTURAL SEAL** is an acrylic copolymer that provides a protective coating for all concrete and terrazzo surfaces. It is colorless and will not yellow on exposure to sunlight. When applied to concrete, it bonds tenaciously forming an inert, impervious film that is resistant to the alkali from fresh cement as well as acids, salts and many construction stains.

### PRIMARY APPLICATIONS

- Concrete and masonry walls and floors.
- Precast members.
- Unglazed bricks and clay tiles.
- Terrazzo floors and walls.
- Exterior masonry surfaces.

### FEATURES/BENEFITS

- Resist discoloration from ultra violet light.
- Aesthetic dry look creates richer tones.
- Acid and alkali resistant.
- Seals out dirt and other staining materials.
- Compatible with caulks and paints.

### PACKAGING

Architectural Seal is packed in 20 liters pail

### COVERAGE

Application\*

	Coverage ft <sup>2</sup> gal.	Coverage m <sup>2</sup> / liter.
Horizontal	250-350	6.1-8.6
Vertical		
Precast	300-400	7.3-9.7
Stucco	250	6.1
Stone	250	6.1
Concrete Block	200	4.9

(\*Most substrates will require a two coat application).

Follow recommended coverage rates. Avoid excess build-up.

### TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Appearance	Water clear
Drying time	½ hour
Acid resistance	good
Alkali resistance	good
U-V resistance	good
Flashpoint	110°F (43°C)

### APPEARANCE

**CEMTEC ARCHITECTURAL SEAL** is a clear liquid which dries to a clear film. After placing the color of the concrete may initially appear much darker than the surrounding concrete. While this color will lighten

up substantially as the coating cures and dries out, the treated concrete may always appear somewhat darker and richer looking than untreated concrete.

### DIRECTIONS FOR USE:

#### **Surface preparation**

All surfaces to be sealed must be dry, structurally sound and free of oil grease, dirt and other contaminants that could prevent penetration of **CEMTEC ARCHITECTURAL SEAL**. Use high pressure power wash equipment if available. Any membranes present on the surface, such as curing compounds or release agents, must be removed completely. Repairs to surface or joints should be complete and fully cured prior to application of sealer. Protect adjacent glass and metal surfaces from overspray or accidental contamination. All joint materials should be installed before application of **CEMTEC ARCHITECTURAL SEAL**. Surfaces may be dry or slight damp, but not saturated, at the time of application.

#### **MIXING:**

**CEMTEC ARCHITECTURAL SEAL** is ready to use and requires no pre mixing.

#### **PLACEMENT:**

A low pressure airless sprayer is the preferred method of application, but a brush short napped roller may be used. **CEMTEC ARCHITECTURAL SEAL** is applied directly from container, do not dilute.

Apply in a uniform manner, working back and forth while tapping the previous pass. Avoid heavy build up and runs or drips for uniformity of appearance. Should two coats be required, apply second coat two to four hours after first coat has dried thoroughly.

#### **CLEAN UP:**

Tools and equipment should be cleaned with **CEMTEC SOLVENT**, xylene, xylol or toluene immediately after use. Run cleaning solution thoroughly spray equipment to remove residual material and prevent clogging or nozzle in future use.

#### **PRECAUTION - LIMITATIONS**

- Material will not freeze in storage but should be allowed to rise to 50°F (10°C)
- Do not apply to concrete surfaces or at ambient temperatures below 32°F (0°C).
- Do not apply to saturated surfaces or overstanding water.
- Use with adequate ventilation and keep away from open flames. If solvent fumes are objectionable, the use of **CEMTEC ARCHITECTURAL SEAL VOX** may be

*“High Quality Construction Chemicals”*

CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES

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preferred.

- Do not in areas which may be subject to oil, grease, or fat spillage, such as kitchens.
- Do not use on glazed surfaces, quarry tiles or state floors or on floors exposed to underground water.
- No heavy traffic until the product has cured.

#### QUALITY STATEMENT

CMCI manufacture 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 recommendation 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.