

CEMTEC 200E

JET FUEL RESISTANT SEALANT

CEMTEC 200 E is a black, two component, jet fuel resistant joint sealant.

PRIMARY APPLICATIONS

- Roadways
- Airport runways
- Taxi ways
- Parking garages and parking areas
- Concrete Aprons
- Exterior applications

FEATURES / BENEFITS

- Flexible formula that allows for movement caused by concrete drying shrinkage and thermal movement
- Remains flexible
- Long pot life allows for ample installation period
- Flame, salt and chemical resistant
- Jet Fuel Resistant

SPECIFICATIONS / COMPLIANCES

- **CEMTEC 200 E** is a flexible joint sealant which complies with Federal Specification SS-S-200E, Type H.

PACKAGING / YIELD

CEMTEC 200 E is a two part urethane product packaged in 20 liter kits which contain both the bulk urethane as well as the required hardener.

COVERAGE

Estimated coverage - **CEMTEC 200 E** - linear meter/gallon.

Depth	Width		
	13mm	19mm	25mm
10mm	30m	20m	15m
13mm	22m	15m	12m

Estimated coverage for primer - 190 linear meter per 13 mm of depth of double face joint.

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

SS-S-200E	Requirement	CEMTEC 200 E
Accelerated Aging	No Change	Passes
Self-Leveling	flow	flow
	1.6mm	1.6mm
	15% incline	
Change in Weight after Fuel Immersion	Less than 5.0%	4.5%
Change in Volume	Less than 5.0%	4.8%
Resilience	75% Recovery Room	
	Temperature Cure	90-95%
	1 Week (70°C)	85-90%
Artificial Weathering	160hrs Exposure	Passes
Bond to Concrete		Passes
Non-immersed		Passes

Fuel-immersed	No Surface degradation	
Water-immersed	or loss of bond	
Flame Resistance	for 120 seconds	Passes
	260°C	
Flow	5 hrs @ 93°C	Passes
	No Change	

CEMTEC 200 E will accept normal traffic in 24 hours if curing temperature is @ 21°C and @ 50% relative humidity. Expect complete cure within one week.

Appearance

CEMTEC 200 E is a black, two part urethane product. The product is only available in black.

DIRECTIONS FOR USE

Surface Preparation - New concrete must be a minimum of 28 days old. The joint must be clean and sound. All oil, dirt, debris, paint and any other material that could be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or by pressure washing.

All joint facings must possess an open surface texture with all curing compounds and sealers removed.

Joint Backing - Sealant depth should be controlled by closed-cell polyethylene joint backing rod.

Priming - **CEMTEC 200 E** requires a primer before each application. Mix and apply the primer as indicated on the label of that product. Allow the primer to dry for 15 minutes @ 24°C before application of the **CEMTEC 200 E** sealant. **CEMTEC PU PRIMER** must be ordered separately.

Mixing - **CEMTEC 200 E** is a two part product and requires mixing. Pour all of the hardener supplied into the bulk urethane and slowly mix with a low speed mechanical mixer and prop for 2-3 minutes. Make sure that the sides of the can are scraped to assure that all of the resin and hardener are thoroughly mixed.

Placement - **CEMTEC 200 E** may be placed using an open spout container, a bulk caulk gun or metering equipment. Trim off excess material immediately after placement.

Curing - **CEMTEC 200 E** requires no special curing conditions. The product will cure within 24 hours of placement @ 21°C. Lower temperatures will slow the curing rate. The traffic can be allowed after 24 hours.

“High Quality Construction Chemicals”

CLEAN-UP

Tools, equipment and general clean-up can be done with CEMTEC SOLVENT, xylol or toluene.

PRECAUTIONS / LIMITATIONS

- Use only at temperatures above 4°C.
- Contact surfaces must be clean and dry
- Proper joint design will improve performance.
- No heavy traffic until the product has cured.
- Do not apply over fillers containing asphalt or tar.
- Solvent used for clean-up are flammable, keep away from heat, sparks, open flame, or lighted cigarettes.

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.