CEMTEC 200E

JET FUEL RESISTANT SEALANT

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

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

PRIMARY APPLICATIONS

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

SPECIFICATIONS & COMPLIANCES

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

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

SS-S-200E	**Requirement**	**Neo Seal**
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	Less than 5.0%	
	75% Recovery room	90-95%
	Temperature Cure	85-90%
	1 week (70°c)	
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 200E 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 200E 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 200E may be placed using an open spout container, a bulk caulk gun or metering equipment. Trim off excess material immediately after placement.

Curing

CEMTEC 200E 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.

CLEAN-UP

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

Estimated coverage CEMTEC 200E linear meter/gallon.

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

COVERAGE	Estimated coverage for primer - 190 linear meter per 13 mm of depth of double face joint.
PACKAGING	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.
COLOR	Contact CMCI Technical dept.

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 manufactures its products at their manufacturing facility in Saudi Arabia as per the Quailty Procedures centified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high erformance 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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