

# CETPLUG

## TECH DATA SHEET

January 2008

### 1. PRODUCT NAME

**CETPLUG<sup>M</sup>**  
Patching Material

### 2. MANUFACTURER

(CETCO)  
Building Materials Group  
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### 3. PRODUCT DESCRIPTION

CETPLUG is a quick setting hydraulic cement based patching material designed to stop active seepage through concrete and masonry. It will not shrink, rust or spall under moist or humid conditions.

**Basic Use:** Use CETPLUG to fill small voids, cracks or honeycomb in cast in place or precast concrete where active leaks are present. CETPLUG is compatible with CETCOAT cement based crystalline waterproofing system as a structural repair.

**Composition and Materials:** CETPLUG is a proprietary blend of Portland cement, and proprietary additives. CETPLUG contains no iron, chloride or gypsum.

**Packaging:** CETPLUG is packaged in a convenient 22.7 kg pail.

**Limitations:** Do not apply to frozen or frosted surfaces or

when temperature is expected to fall below 10° C within 48 hours. Apply a test patch to questionable substrates. CETPLUG is not recommended in areas that will come in contact with chemicals that attack cement. CETPLUG is not recommended for moving cracks or joints. CETCOAT MIXING LIQUID is a copolymer latex emulsion that is milky white in colour. Both products are non-toxic and resistant chemical attack.

### 4. TECHNICAL DATA

CETPLUG will take initial set in one to three minutes and will not expand after final set occurs.

### 5. INSTALLATION

**Surface Preparation:** The surface must be structurally sound, clean and free of dirt, oil and other contaminants including curing compounds, form release agents, old coatings, paint and efflorescence. Remove all deteriorated concrete. Roughen concrete surface where possible. Route cracks with the inverted "V" method to make base of cut wider than the top. Flush or blow loose particles from the prepared areas. If structural patching is required use CETPATCH to repair damage.

**Mixing Instructions:** Wear rubber gloves. Pour cool water into clean mixing container and gradually add CETPLUG. Use approximately one litre of water for 4 to 4.4 kilos of CETPLUG. Mix rapidly to a putty consistency with no slump. Mix for no longer than 30 seconds. Properly mixed CETPLUG can be hand formed into a ball.

**Application:** Dampen the surface with clean fresh water prior to the application. Remove any standing water. Apply CETPLUG by hand or with a steel trowel with sufficient pressure to fill holes

and voids and to ensure maximum bond. Rapidly fill to full depth of opening. Apply direct pressure until the CETPLUG has taken a firm set. When extreme water pressure is encountered hold mixed CETPLUG until it becomes warm. Then rapidly force CETPLUG into the hole until it has set and the water stops flowing. Do not use a twisting motion.

**Coverage:** Each pail of CETPLUG will yield 12.12 litres when properly mixed.

**Clean Up:** Clean application tools and mixing equipment immediately after use and between batches.

**Precautions:** It is mandatory that the user take the following precautionary measures to protect workers and the public.

Avoid inhalation of cement dust. Ensure adequate ventilation. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison centre or physician. Additional precautions, safety information and first aid treatments are contained on the Material Safety Data Sheet.

**FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

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