

# Custom Plug Cement

## Rapid Set Hydraulic Cement

### Product Technical Data

#### DESCRIPTION

The Custom Plug Cement is a dry, factory blended, single component, quick setting hydraulic cement compound. The Custom Plug Cement stops running water and seepage through masonry cracks, brick joints, concrete walls and floors and Fiberglas seams instantly. Mix the dry powder with potable water to produce soft putty then push the cement mixture into the crack. The Custom Plug Cement is a non-metallic, non-oxidizing, shrink compensated cement, which seals out water for the life of the structure. This one component cement sets in approximately 60-90 seconds. The mixing water and surface temperature will effect the set time. This product does not contain calcium chloride. The Standard Custom Plug Cement meets ASTM C-109.

#### USES

- Suitable for all above and sub-grade applications.
- Plugs water leaks, holes, cracks and seepage in general masonry joints, concrete, pipes, around inlets and floors.
- Applicable for architectural, pre-cast and structural concrete water fountains, water wells, in tunnels sewer cisterns, ditches, troughs spot-sealing in concrete for bolt anchors, hold downs and miscellaneous grouting.

#### APPLICATION

With a gloved hand, dust or push the mixed Custom Plug Cement compound into the leaking crack. In high water pressure applications, hold the cement in your hand until you feel the heat generation. Then, immediately push the mixed cement into the opening and hold it firmly in place with your palm, a steel trowel or wood block. Hold the cement until it sets. After which, after the cement sets, shave the surface flush with a sharp pointing tool, knife or trowel. Use the Custom Plug Cement to seal a long opening with successive small rolls of mixed cement putty. Applications with 2 men: 1 man mixes while the other places the material.

#### COVERAGE

1 pound will fill 18 cubic inches or a crack  $\frac{3}{4}$  x  $\frac{3}{4}$  x 30 inches long.

#### AVAILABILITY

The Custom Plug Cement is available in 50-pound bags or pails. 36 pails per pallet.

#### LIMITATIONS

Take special care when mixing and applying this material. Extreme cold or hot weather will effect the setting time. For normal set at 70 degrees F, use warm cement and mixing water.

Technical Data	ASTM C 109	
Compressive Strength	1 day	3,500 psi
	7 day	4,900 psi
	28 day	5,500 psi
Tensile Strength	1 day	200 psi
	7 day	290 psi
	28 day	560 psi
*No volume change		

#### SAFETY

The color is light gray. Follow the safety precautions: May Cause Eye and Skin Irritation. Contains calcium based by products, free silica and other components. Do not breathe the dust. Use eye protection. Avoid prolong exposure. In case of eye contact, wash with water immediately for 15 minutes, Wash thoroughly after handling. If skin problems arise, flush area with water and get medical help. May cause delayed lung injury. Follow the directions as stated by the manufacturer, OSHA Safety and Health Standards for crystalline-silica-quartz. See safety data sheet for detailed information. Keep out of reach of children.

## **CLEAN UP**

Wash tools with soap and water before the cement material hardens. Rinse thoroughly.

## **STORAGE**

Store under dry conditions at 70 degrees F. Make no modification for handling, mixing, placing and finishing of this product.

## **WARRANTY INFORMATION**

Standard Cement Materials, Inc offers this information for the user's consideration. The corporation warrants this product to be free from defects in material and workmanship. Standard Cement Materials, Inc sole obligation and the Buyer's single remedy in connection with the product shall be limited, at it's option, to either replacement of the product not conforming to this warranty or credit to the Buyer's account in the amount of the invoiced product. The corporation makes no other warranties, either expressed or implied and in no event intends to infringe on any established patents or trademarks.

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