



## Using ENECRETE® WP

**PLEASE READ THESE INSTRUCTIONS AND MATERIAL SAFETY DATA SHEET (MSDS) CAREFULLY PRIOR TO USE**

ENECRETE® WP is a cementitious, one component, extremely fast-setting product with the ability to stop running water through masonry structures. It is designed to be mixed with water and to set within one minute.

ENECRETE® WP's unique properties enable it to stop leaks and running water:

- Sets in one minute
- Develops strength immediately
- Chemically resistant
- Does not shrink or expand significantly
- Has excellent freeze-thaw resistance
- Exhibits thermal expansion properties similar to concrete

ENECRETE® WP is easy to use in the field under adverse conditions.

- Fast and simple surface preparation.
- Just add water, no other additives!
- It can be mixed with a gloved hand, no mixing equipment required.
- The application technique to stop water takes only minutes to master.

### SURFACE PREPARATION

Holes and cracks should be chiseled out to at least 3/4 inches in depth and width, with the rear of the hole slightly larger than the opening. The chiseled opening should be cleaned to remove any loose material, oil, grease, dirt, mold, mildew or algae.

### MIXING AND APPLICATION

ENECRETE® WP should be mixed with a gloved hand, in a clean plastic container with clean water, for 30 seconds maximum. Since ENECRETE® WP must be applied in one minute, only mix small amounts of it at a time.

After mixing, the ENECRETE® WP is formed into a ball and forced by hand or trowel into the crack or hole. The mixed material should be held in place for approximately 30 seconds until it hardens.

**ENECRETE® WP is designed to stop active water leaks. It will begin to harden in approximately 30 seconds - remember to have the surface prepared properly before you start to mix. Mix only a small amount of ENECRETE WP at one time - about the size of a baseball.**

### Technical Data

<b>Volume capacity per kg.</b>	565 cc / 35 in <sup>3</sup>		
<b>Mixed density</b>	1.77 g/cc or .064 lbs/in <sup>3</sup>		
<b>Mixing ratio</b>	POWDER	WATER	
	by volume	3.0	1.0
	by weight	3.6	1.0
<b>Working Time</b>	30 Seconds		
<b>Final Set</b>	45-90 Seconds		
<b>Shelf life</b>	18 Months in unopened, original containers.		
<b>Compressive strength (ASTM C-109)</b>			
	1 Hour =	1000 psi	
	1 Day =	3500 psi	
	1 Month =	5000 psi	

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## **HEALTH & SAFETY**

Every effort is made to insure that ENECON® products are as simple and safe to use as possible. Normal industry standards and practices for housekeeping, cleanliness and personal protection should be observed. For further information and guidance, please refer to the detailed MATERIAL SAFETY DATA SHEETS (MSDS) supplied with the material and also available on request.

## **CLEANING EQUIPMENT**

Wash gloves, mixing bucket and utensils with water. Once hardened, remove by mechanical methods.

## **TECHNICAL SUPPORT**

The ENECON® engineering team is always available to provide technical support and assistance. For guidance on difficult application procedures or for answers to simple questions, call your local ENECON® Fluid Flow Systems Specialist or the ENECON® Engineering Center.

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