



## Using ENECRETE® WS

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

ENECRETE® WS is a protective and waterproofing product for masonry structures. It employs a multiple curing reaction process to impart its exceptional properties. The reactions that occur upon mixing combine the hydration reaction of calcium / silica / aluminum cement, for strength and durability, with the film-forming reaction of a polymer adhesive, for waterproofing, chemical resistance and adhesion.

ENECRETE® WS can be used as a negative side / positive side flow preventive coating and as a repair mortar, depending on the component mixing ratio used.

WS is a dual-component product that is easy to prepare and apply in the field. One product that can be used to solve two common problems in industry — concrete attack and water infiltration.

### SURFACE PREPARATION

ENECRETE® WS should only be applied to clean, damp, firm and roughened surfaces.

1. Remove all loose material and surface contamination, such as grease, oil, mold, algae and other coatings.
2. Depending on the surface, remove contamination by detergent and/or solvent washing, abrasive blasting, steam cleaning, pressure washing or other suitable methods.
3. After removing all surface and sub-surface contamination, flush the surface with clean water and allow surface water to dissipate.

### MIXING AND APPLICATION

For your convenience, the ENECRETE® WS powder and liquid have been supplied in precisely measured quantities to simplify mixing. Remove the powder and liquid from the bucket, pour the liquid into the bucket and slowly add the powder to the liquid as you are mixing. To facilitate mixing of a full unit, a mechanical mixing device is recommended, such as a drill and a general purpose mixer blade.

- Brushable consistency — add the entire gallon container of liquid to the bucket.
- Trowelable consistency — add only enough liquid to obtain the desired consistency.

ENECRETE® WS should only be applied to a damp surface with no standing water present. Apply with a masonry or wallpaper paste brush. It should be applied in 2 coats, with each coat approximately 1/16 inch / 1.5 mm thick. The second coat should be applied perpendicular to the first coat. Recoat time at 77 °F / 25 °C is approximately 1 1/2 hours. Do not apply if the surface or air temperature is below 41°F / 5 °C.

### Technical Data

<b>Volume capacity per 15 kg.</b>	.39 ft <sup>3</sup> 675 in <sup>3</sup> 11060 cc	
<b>Coverage per 15 kg kit</b>	65 - 75 ft <sup>2</sup> @ 1/16" / 6.5 - 7.5 m <sup>2</sup> @ 1.5 mm depending on surface roughness	
<b>Shelf life</b>	18 Months in unopened, original containers.	
<b>Mixing ratio</b>	POWDER	LIQUID
by volume	1.3	1.0
by weight	3.3	1.0
<b>Working Life</b>	1 hour	

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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**

Clean tools, equipment and overspray, while wet, with warm soapy water. Dried residue can be cleaned with solvents such as mineral spirits or alcohol.

## **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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