

# ENECRETE® WS

The jobsite waterproofer and leak sealer that coats, fills, seals & protects

- Protects concrete, mortar, block & brick
- Waterproofs and seals
- Excellent adhesion
- Simple to use

**Remember...**

ENECRETE® WS is the *water sealing* component of our leak and seep stopping system - see information on ENECRETE® WP (the water plugger) to stop running leaks and for pointing and grouting...



ENECRETE® WS combines the best characteristics of traditional cementitious materials with the advanced adhesion and protection of the highest quality polymers. This extraordinary material provides an easy-to-use compound that permanently seals brick, concrete and block from infiltration and exfiltration.

ENECRETE® WS is a *breathable* protective and waterproofing product for masonry structures. It is specially formulated with 'nano pores' or micro-openings that are small enough to prevent liquid water from passing through, but large enough to allow water vapor to escape thus preventing water build-up behind the ENECRETE® WS.

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 to common problems in industry -



**ENECON® Corporation**  
The Fluid Flow  
Systems Specialists.

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## Technical Data

<b>Volume capacity per 15 kg</b>	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		
<b>Rate of water vapor transmission</b>	7.198 g / h·m <sup>2</sup>		
<b>Permeance</b>	27.31 grains / ft <sup>2</sup> ·h·in Hg		

## Using ENECRETE® WS

**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 & 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.

**ENECRETE® WS can be overcoated for aesthetic purposes but only with a breathable coating such as ENECON®'s ENESEAL® CR, ENESEAL HR and ENECLAD WBC.**

**Health & Safety** - Every effort is made to ensure 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. Please refer to the detailed SAFETY DATA SHEETS (SDS) supplied with the material (also available on request) for more information.

**Storage** - Store in a tightly sealed container at 41°F/5°C and 95°F/35°C in a clean, dry area.

**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.

All information contained herein is based on long term testing in our laboratories as well as practical field experience and is believed to be reliable and accurate. No condition or warranty is given covering the results from use of our products in any particular case, whether the purpose is disclosed or not, and we cannot accept liability if the desired results are not obtained.

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