

PRODUCT DATA

W. R. MEADOWS®

SEALTIGHT®

MasterFormat: 03 15 13

NO. 732-B

WATERSTOP EC PLUS

SEPTEMBER 2017
(Supersedes May 2017)

DESCRIPTION

WATERSTOP EC PLUS is comprised of a sodium bentonite/hydrophilic rubber combination designed to provide a superior watertight seal while at the same time offering the ability to work in an environment subjected to continuous wetting and drying cycles. Full hydration and/or dehydration takes approximately four days.

USES

WATERSTOP EC PLUS is used to seal static construction joints in concrete footings, walls, floors, tunnels, and parking and plaza decks and to prevent water migration. WATERSTOP EC PLUS has superior performance when used under conditions of extreme water head.

FEATURES/BENEFITS

- When properly applied, stops water migration through cast-in-place concrete construction joints after confinement.
- Returns to original placement and size after one prolonged hydration cycle.
- Resistant to a variety of chemical contaminants common to urban water and soil samples.

PACKAGING

Standard rolls sizes:

¼" x 1" x 16' 8" (6.4 mm x 25.4 mm x 5.1 m)

½" x 1" x 16' 8" (12.7 mm x 25.4 mm x 5.1 m)

¾" x 1" x 16' 8" (19.1 mm x 25.4 mm x 5.1 m)

Each carton provides 100 LF (30.5 lm) of coverage. Rolls are packaged six per carton. Make sure to protect product from moisture in storage. Store on skid or pallet. Cover with polyethylene or tarp.

APPLICATION

Surface Preparation ... Surface should be clean and dry. For optimum adhesion to concrete, use CLAY-TITE MASTIC from W. R. MEADOWS. Place bead of material across surface before installation of WATERSTOP EC PLUS. Concrete should cover 2" (50 mm) surrounding the WATERSTOP EC PLUS application area.

Application Method ... After applying CLAY-TITE MASTIC, remove the thin liner and press the product into place. The product should be applied with the nylon side up. After WATERSTOP EC PLUS is hand-pressed into place, then install standard masonry nails. The nails should be placed 12" (304.8 mm) apart. After the nails are placed, release the thick liner. Then concrete can be poured or placed.

PRECAUTIONS

Do not install in standing water or over ice. WATERSTOP EC PLUS is not designed, nor intended to function, as an expansion joint sealant. WATERSTOP EC PLUS is designed to seal structural concrete joints with a minimum 3,000 psi (20.7 MPa) compressive concrete strength. If WATERSTOP EC PLUS has eclipsed 24 hours of continuous submersion, allow an appropriate or equal time to dry before placement of concrete or replace with new product. If elevated levels of chemical contamination or high levels of salt water are known to exist on the site, use WATERSTOP EC PLUS HSL from W. R. MEADOWS. CLAY-TITE MASTIC may be applied over damp surfaces, but must not be applied over dust, debris or standing water as proper adhesion will not take place

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management

For most current data sheet, further LEED information, and SDS, visit www.wrmeadows.com.

CONTINUED ON REVERSE SIDE...

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Property	Test Method	WATERSTOP EC PLUS Results
Color		Black
Weight		0.25 lb./linear foot (0.4 kg/m)
Tear Strength: Membrane	ASTM D1004	75 lb. (333 N)
% Elongation at Break	ASTM D638	>150%
Unrestricted Expansion		300% over 4 days
Installation Temperatures		-15° to 120° F (-26° to 49° C)
Freeze/Thaw Cycles		No effect before or after installation.
Resistance to Hydrostatic Head	ASTM D5385	231' (70 m) of water
Vapor Permeability	ASTM D5084	1 x 10 ⁻⁹ cm per sec



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.