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(Supersedes June 2020)

# CLAY-TITE™ ADHESIVE

## Water-Based Acrylic Adhesive

### DESCRIPTION

CLAY-TITE ADHESIVE is a water-based, acrylic adhesive containing emulsified bentonite. It is easy to apply using a trowel or putty knife. The product bonds strongly to various substrates, including concrete and waterproofing membranes, such as CLAY-TITE from W. R. MEADOWS.

### USES

CLAY-TITE ADHESIVE is used to fill cracks and voids in walls and pipe penetrations, to fill inside corners between vertical and horizontal transitions, to fill voids and adhere WATERSTOP EC from W. R. MEADOWS to construction joints, and to seal joints and overlaps in applications of CLAY-TITE. CLAY-TITE ADHESIVE forms a strong adhesive barrier, helping create a seamless installation for these products. For installations with shotcrete or lagging, CLAY-TITE ADHESIVE protects CLAY-TITE from damage caused by this type of application.

### FEATURES/BENEFITS

- Easy to apply.
- Bonds strongly to various substrates.
- Ensures a complete, seamless CLAY-TITE waterproofing installation.
- Also compatible with WATERSTOP EC.

### PACKAGING

30 Oz. (887 mL) Cartridges (9/Cartron)  
2 Gallon (7.6 L) Units  
5 Gallon (18.9 L) Pails

### COVERAGE

Approximately 200 lineal feet/gal. when applied at 1/8" thick in a 1 - 3" band (16 mL when applied at 3 mm thick in a 25 -75 mm band)

### SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within two years of date of manufacture.

### TECHNICAL DATA

Physical Properties	Test Method	Value
Color	-	Gray/White
Odor	-	Mild
<b>Uncured</b>		
Flow, Sag, Slump	ASTM 2202	3.9" (100 mm)
Specific Gravity	-	1.1
Sodium Bentonite	-	15 - 20% by Weight (1.3 lb./Gal. of Water)
Solids by Weight	-	40%
VOC	ASTM D3960-92	0 g/L
Tack-Free Time	Field Testing	30 mins
Full-Cure Time	-	12 - 24 hrs
Installation Temperatures	ASTM D746	32° - 120° F (0°C - 50°C)
<b>Cured</b>		
Adhesive Strength	ASTM D1004	25 lb. (100 N)
% Elongation at Break	ASTM D412	125%
Hardness	ASTM D2240 Procedure A	~90 Shore A
Unrestricted Expansion	-	100%
Absorption	-	
Resistance to Hydrostatic Head	ASTM D751 Procedure A	100' (30 m) of water
Vapor Permeability	ASTM D5084	1 x 10 <sup>-9</sup> cm per sec
Functional Temperatures	ASTM D746	-15° - 120° F (-25° - 50°C)

### APPLICATION

**CLAY-TITE APPLICATION** ... For detailed instructions, refer to CLAY-TITE BLINDSIDE INSTALLATION GUIDELINE available at [www.wrmeadows.com](http://www.wrmeadows.com). Guidelines are available for blindside, backfilled wall, and underslab applications.

CONTINUED ON THE REVERSE SIDE...

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## WATERSTOP EC SURFACE

**PREPARATION** ... On smooth surfaces. Apply a bead at 1/8" - 1/4" (3.2 – 6.4 mm) along the joint. On non-smooth surfaces, knock down protrusions greater than 1/2" (12.7 mm) and use CLAY-TITE ADHESIVE to fill voids. Apply WATERSTOP EC into uncured CLAY-TITE MASTIC and nail every 15" (381 mm) o.c. with powder-actuated or hand-driven concrete nails (1" or 2.54 cm shank) with washer (5/8" - 13/16" or 15 - 23 mm). Butt ends and fill gap between adjacent pieces for a continuous application.

**Cleanup** ... Use soap and water on uncured material.

## PRECAUTIONS

Protect from moisture. Do not freeze.

For most recent data sheet, complete LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).



### **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.