

PRODUCT DATA

W. R. MEADOWS®

SEALTIGHT

MasterFormat: 07 17 16

NO. 732-D

CLAY-TITE™ ADHESIVE

MARCH 2021
(Supersedes June 2020)

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/Carton)
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
Uncured		
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)
Cured		
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 ⁻⁹ cm per sec
Functional Temperatures	ASTM D746	-15° - 120° F (-25° - 50°C)

APPLICATION

CLAY-TITE APPLICATION METHOD ... For detailed instructions, refer to CLAY-TITE BLINDSIDE INSTALLATION GUIDELINE available at www.wrmeadows.com. Guidelines are available for blindside, backfilled wall, and underslab applications.

WATERSTOP EC SURFACE PREPARATION ... Surface must be free of all debris and standing water. Dusty, damp, or uncured surfaces are suitable for application.

CONTINUED ON REVERSE SIDE ...

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WATERSTOP EC APPLICATION METHOD ...

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.



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

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