



DATA SHEET NO. 5126-000

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

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

COVERAGE

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

SHELF LIFE

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

TECHNICAL DATA

Physical Properties	Test Method	Value
Colour	-	Gray/White
Odour	-	Mild
Uncured		
Flow, Sag, Slump	ASTM 2202	100 mm (3.9")
Specific Gravity	-	1.1
Sodium Bentonite	-	15 - 20% by Weight [0.16 kg/L (1.3 Lb./Gal.) of Water]
Solids by Weight	-	40%
Tack-Free Time	Field Testing	30 mins
Full-Cure Time	-	12 - 24 hrs
Installation Temperatures	ASTM D746	0° - 50° C
Cured		
Adhesive Strength	ASTM D1004	100 N (25 lb.)
% Elongation at Break	ASTM D412	125%
Hardness	ASTM D2240 Procedure A	~90 Shore A
Unrestricted Expansion	-	100%

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.

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

Continued over ...

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

PRECAUTIONS

Protect from moisture. Do not freeze.

MASTERFORMAT NUMBER AND TITLE

07 17 16 - Bentonite Composite Sheet Waterproofing

For complete LEED information and SDS, visit

www.wrmeadows.com.

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