



CureTite™ Mastic Adhesive

Product Description

CureTite™ Mastic Adhesive is a water-based acrylic adhesive containing 15-20% emulsified bentonite. It is soft/malleable for an easy application with either a trowel or putty knife from a bucket. TegraSeal Mastic will cure to form a strong bond to concrete, TegraTite and TripleSeal waterproofing membranes, TegraStop Waterstop and woven or non-woven materials.

Basic Uses

CureTite™ Mastic Adhesive has multiple applications. It 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 TegraStop WaterStop to construction joints, and to seal the seams in TegraTite Plus and TripleSeal waterproofing membranes. CureTite™ Mastic Adhesive will cure to form strong adhesive barrier in these applications.

For static construction joints in concrete footings, walls, floors, tunnels, parking and plaza decks. CureTite™ Adhesive seals and bonds TegraStop WaterStop in place, filling voids in the concrete surface while preventing displacement of the TegraStop during the concrete pour.

Installation

For complete installation guidelines, please contact your sales Representative, call TegraSeal Products at 888-815-1816 or visit our website for details.

TegraTite Plus or TripleSeal Seam: On difficult projects, particularly shotcrete or lagging, CureTite™ Mastic Adhesive will protect TegraTite Plus and/or TripleSeal Seams from damage by the Shotcrete. Lay a $\frac{3}{8}$ " to $\frac{1}{2}$ " bead of CureTite™ Mastic Adhesive under the seam. Press the waterproofing membrane into the uncured Adhesive and fasten every 8" (20 cm) o.c. with staples ($1\frac{1}{4}$ " crown and $\frac{3}{4}$ " legs or 3 cm crown and 2 cm legs). Add a $\frac{3}{8}$ " to $\frac{1}{2}$ " bead of CureTite™ Mastic Adhesive to the joint and spread 1" on both sides

TegraStop WaterStop: Examine all surfaces prior to starting application. Dust may be present; however all debris and standing water must be removed.

Installation may proceed on uncured or damp surfaces. If surface is smooth, lay a $\frac{1}{8}$ " to $\frac{1}{4}$ " bead of CureTite™ Mastic Adhesive along the joint. If surface is irregular, knock down protrusions greater than $\frac{1}{2}$ " and use CureTite™ Mastic Adhesive to fill any voids. Press TegraStop WaterStop into uncured Adhesive and nail every 15" (38 cm) o.c. with powder-actuated or hand-driven concrete nails (1" or 2.54 cm shank) with washer ($\frac{5}{8}$ "– $\frac{13}{16}$ " or 15–23 mm). Butt ends and fill the gap between adjacent pieces for a continuous application.

Packaging

5 gallon buckets, 2 gallon pails, and 30 oz caulking tubes.

Storage

Protect from moisture. Store on skid or pallet, cover with polyethylene or tarp. Do not freeze.

Availability

Available worldwide through TegraSeal distributors. Contact us for details.

Limitations

Keep CureTite™ Mastic Adhesive protected from the elements. When cured, CureTite™ Mastic Adhesive is resistant to most contaminants in soil. Please contact TegraSeal for compatibility testing.

Warranty

TegraSeal Products, LLC (TegraSeal) warrants its products will be delivered free of defects in materials and workmanship. TegraSeal will replace the material or refund the purchase price. TegraSeal makes no other warranty, including an implied warranty of merchantability or fitness for a particular purpose. TegraSeal shall not be liable for any other loss or damage. Contact TegraSeal to discuss specific details for extended warranty periods.



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TYPICAL PHYSICAL PROPERTIES

Physical Properties	Test Method	Value
Color		Grey/White
Odor		Mild
UnCured:		
Flow, Sag, Slump	ASTM 2202	10 cm
Specific Gravity		1.1
Sodium Bentonite		15-20% by weight (1.3 lbs per gal of water)
Solids by Weight		40%
VOC	ASTM D3960-92	None – Solvent Free
Tack Free Time	Field Testing	30 mins
Full Cure Time		12 to 24 hrs
Installation Temperatures	ASTM D746	32°F to 120°F (0°C to 50°C)
Clean up		Soap and Water
Cured:		
Adhesive Strength	ASTM D1004	25 lbs (100 N)
% Elongation at Break	ASTM D412	125%
Hardness	ASTM D2240 Procedure A	~90 Shore A
Unrestricted Expansion		100%
Absorption		175%
Resistance to Hydrostatic Head	ASTM D751 Procedure A	100 ft. (30 m) of water*
Vapor Permeability	ASTM D5084	1 x 10 ⁻⁹ cm per sec
Functional Temperatures	ASTM D746	-15°F to 120°F (-25°C to 50°C)