



**SUGGESTED MASTER SPECIFICATION
SECTION 03 15 13 STRIP APPLIED WATERSTOPS (BLUESTOP)**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Provision of strip applied expanding waterstop, embedded in concrete and spanning contraction (control) joints and/or limited movement construction joints, to create a continuous diaphragm for prevention of fluid migration.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM)

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Protect waterstops from exposure to moisture that may cause premature waterstop expansion.
- B. Store waterstops under cover to protect from oil, dirt, and sunlight.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Provide strip applied expanding waterstop comprised of bentonite clay, hydrophilic polymers, and butyl rubber. Product shall be BLUESTOP, as supplied by Vinylex Waterstop & Accessories 3400 Tree Court Industrial Blvd., St. Louis, MO 63122, Phone: 800-325-3602, Fax: 866-624-2049.
- B. Performance Requirements:

Property	Test Method	Required Limits
Specific Gravity	ASTM D 71	1.6 +/- 5%
Penetration	ASTM D 217 @ 77° F	40 +/- 5 at 150 GTL
Volatile Matter	ASTM D-6	1% max.
Application Temperature Range		-10° to 125° F (-23° - 52° C)
Service Temperature Range		-30° to 180° F (-34° - 82° C)

2.02 ACCESSORIES

- A. Provide BLUESTOP Primer Adhesive to continuously secure BLUESTOP to concrete.
- B. Provide concrete nails as required to secure BLUESTOP in vertical or overhead applications.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Apply primer/adhesive to dry concrete surface, 2 inches wide continuously along the joint, maintaining a minimum of 2 inches clear cover to concrete face.
- B. Primer adhesive shall be allowed to “dry to the touch” (typically 30 minutes to several hours; dependent on site conditions) prior to application of waterstop.
- C. Continuously adhere waterstop to concrete utilizing primer adhesive and maintaining a minimum of 2 inches clear cover to concrete face.
- D. Apply waterstop the same day as primer adhesive.
- E. Waterstop shall be butt spliced pressing ends together ensuring no separation or air pockets.
- F. Protect waterstop from moisture, dirt, oil, and sunlight during the progress of the work.
- G. Remove release paper from waterstop immediately prior to concrete placement.
- H. Inspect waterstop for premature swelling, discontinuity, and debris contamination prior to concrete pour. Replace unacceptable waterstop.
- I. Place and thoroughly vibrate concrete, taking care not to disturb or displace the waterstop. Do not allow vibrator to contact the waterstop.

END OF SECTION

800-325-3602



www.VinylexWaterstop.com