



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

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Provision of strip applied waterstops embedded in concrete and spanning control and/or construction joints to create a continuous diaphragm to prevent fluid migration.

1.02 REFERENCES

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

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Store waterstops under tarps to protect from oil, dirt, and sunlight.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Provide strip applied waterstop comprised of a single component, self sealing mastic, LOCKSTOP, as supplied by Greenstreak Group, Inc 3400 Tree Court Ind. Blvd., St. Louis, MO 63122 Ph.800-325-9504 or 636-225-9400.
- B. Performance Requirements as follows:

| Property | Test Method | Required Limits | Typical Values |
|--|--------------------|--------------------------|-----------------------|
| Specific Gravity | ASTM D 71 | 1.3 min. 1.5 max. | 1.41 |
| Ductility | ASTM D 113 | 5 cm min. | 5.25 |
| Softening Point | ASTM D 36 | 320° F min. | 350° F+ |
| Flash Point | ASTM D 92 | 600° F min. | 610° F |
| Fire Point | ASTM D 92 | 625° F min. | 630° F |
| Penetration | ASTM D 217 | 50 to 120 | 55 |
| Sag | SS-S-210, 4.5.3 | None | None |
| Ash Inert Materials | ASTM D 482 | 30 - 50% | 37% |
| Volatile Material | ASTM D 6 | 2.0% max. | 0.5% |
| Chemical Resistance - KOH 5% - HCL 5% - H ₂ SO ₄ 5% - NaOH 5% - H ₂ S Saturated Solution | SS-S-210, 3.6 | No visible deterioration | None |

2.02 ACCESSORIES

- A. Provide LOCKSTOP Primer Adhesive to secure waterstop to concrete.
- B. Provide concrete nails as required to secure waterstop in vertical applications.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Inspect waterstop for discontinuity and debris contamination prior to concrete pour. Replace unacceptable waterstop.
- B. Adhere waterstop to concrete utilizing primer adhesive.
- C. Primer adhesive shall be allowed to dry for two (2) hours prior to application of waterstop.
- D. Apply waterstop the same day as primer adhesive.
- E. Protect waterstop from moisture, dirt, oil, and sunlight during the progress of the work.
- F. Waterstop shall be spliced by overlapping ends and pressing ends together in a molding action ensuring no separation or air pockets.
- G. Remove the separation paper from the waterstop just prior to second pour of concrete.

END OF SECTION

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