

This HydroBinder® Specification document has been prepared to provide the Owner, Design Engineer, Construction Quality Assurance Professional of Record, and the Contractor / Installer with a general guidance specification. All information, recommendations and suggestions appearing in this specification concerning the use of our products are based upon experience, tests and data believed to be reliable; however, this information should not be used or relied upon for any specific application without independent professional examination and verification of its accuracy, suitability and applicability. The independent professional shall edit this document to suit the site specific project design criteria. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Watershed Geosynthetics LLC as to the effects of such use or the results to be obtained, nor does Watershed Geosynthetics LLC assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. HydroBinder® is a U.S. registered trademark which designates a product from Watershed Geosynthetics LLC. This product is the subject of issued U.S. and foreign patents and/or pending U.S. and foreign patent applications. Nothing herein is to be construed as permission to grant license or as a recommendation to infringe any patent.

SECTION 03 49 01

HydroBinder® INFILL COMPONENT

PART 1: GENERAL

SUMMARY

A. Section Includes:

Specifications for the Alternate HydroBinder® Infill Component of the patented ClosureTurf® System.

RELATED SECTIONS

- Section 31 23 13** - Subgrade preparation (Upper 6 inches of subgrade only)
- Section 01 42 00** - References and Definitions
- Section 01 60 00** - ClosureTurf® Product Specification
- Section 01 60 00** - ClosureTurf® MicroDrain® Product Specification
- Section 01 60 01** - ClosureTurf® MicroSpike® Product Specification
- Section 01 73 19** - ClosureTurf® Installation Specification
- Section 31 05 16** - ClosureTurf® Sand Infill Specification
- Section 03 49 01** - Alternate HydroBinder® Infill Specification
- Section 23 51 23** - ClosureTurf® HDPE Pressure Relief Valve Specification

PART 2: PRODUCTS

2.01 DESCRIPTION

- A. HydroBinder[®] is a proprietary cementitious product used as an alternate infill component of the ClosureTurf[®] system.

2.02 MATERIALS

- A. The infill will be HydroBinder[®] Cementitious Infill. The infill material may be delivered in either pallet form of 80 lb. bags or 3,000 lb. bulk super sacks.
- B. Cement, except as otherwise specified herein, will be a brand of Portland Cement, meeting ASTM C 150 and will be Type I or Type II.
- C. Only one brand of cement will be used throughout the duration of this Contract.
- D. The cementitious infill mix design will conform to the requirements of ASTM C 387 for high strength mortars.
- E. The cementitious infill mix will have a minimum 28 day compressive strength of 5,000 psi per ASTM C 109 / C 109M.
 - 1. Verification of the compressive strength will be completed by the manufacturer and a certified test report supplied with each batch/lot of HydroBinder[®] material delivered to the site.

PART 3: EXECUTION:

Not Used.

END OF SECTION